

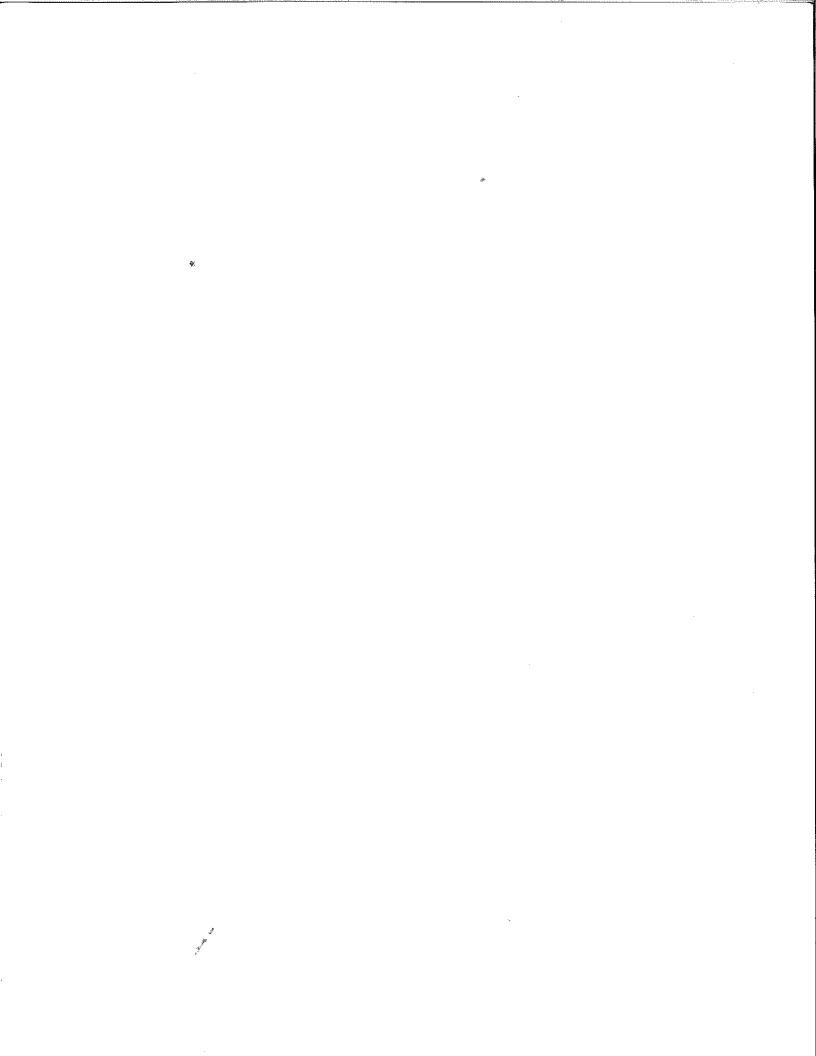


Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company 4132 North Holton Street Milwaukee, Wisconsin

FID# 241228240 BRRTS# 02-41-000023 RCRA ID# WID006102305

March 2009



Brian J Mailet Project Scientist

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Former Milwaukee Die Casting Company 4132 North Holton Street Milwaukee, Wisconsin

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Our Ref.: WI001196.0001

Date: 23 March 2009

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Introduction	1
Project Background	1
Site Location and Description	1
Site History	2
Response Action Contractor Summary	2
Regulatory Coordination	5
Response Action Overview	5
ACM Removal	6
ACM Containment Construction	7
ACM Removal and Disposal	8
ACM Abatement Air Monitoring	9
Below-Grade Structure Assessment	9
PCB Source Abatement	13
Health and Safety Addendum	14
North and South Sumps	15
Decommissioning and Sealing of North and South Sumps and Plugging of Tonins	unnel 16
Cleaning of the Die Cast Area Concrete Floors, Trenches, and Northwestern Sump	1 17
Access Tunnels	18
Waste Characterization and Profiling	18
Field Characterization of Waste Streams	18
Field and Desktop PCB Results	20
Laboratory Analysis of Waste Streams	21
Waste Characterization Findings and Profiles	23

	•		

Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Preparing Waste Materials and Containers for Transportation					
Waste Disposal Summary					
Non-Hazardous Waste Streams		26			
TSCA Waste Streams		27			
Hazardous Waste Streams		27			
TSCA/Hazardous Waste Streams		27			
Site Control Measures		28			
Summary	8	28			
References		32			

Tables

- Summary of Manholes, Sumps, and Tunnel Drains, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.
- 2 Sump and Tunnel Water VOC and PCB Analytical Results, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.
- 3 Inventory and Field Characterization Results of Waste Streams, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.
- 4 Waste Stream Laboratory Analytical Results, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.
- 5 Summary of Waste Stream Volumes and Disposal Tracking Information, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

Figures

- Site Location Map, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.
- 2 Site Layout and Utility Corridors, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

3 Layout of Interior Trenches, Floor Drains, and Tunnels, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

Appendices

- A Regulatory Correspondences
- B Waste Stream Profile and Manifest Documentation
- C Photographs
- D Asbestos Report and Abatement Documentation
- E Water Laboratory Analytical Reports
- F Field Waste Characterization Documentation
- G Waste Characterization Sample Laboratory Analytical Reports
- H Property Boundary Survey

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Introduction

ARCADIS was retained by Ms. Theresa Slyman to complete an immediate and remedial environmental response action (response action) at the former Milwaukee Die Casting Company (Resource Conservation and Recovery Act Identification Number [RCRA ID #] WID006102305) located at 4132 North Holton Street in Milwaukee, Wisconsin (the Site). Ms. Slyman owns the property and building that formerly housed the Milwaukee Die Cast Company. The purpose of the response action was to address potential ongoing sources of polychlorinated biphenyl (PCB) contamination. The Wisconsin Department of Natural Resources (WDNR) outlined steps to include in the response action in correspondence dated August 19, 2008. A copy of the correspondence is included in Appendix A.

ARCADIS and Veolia Special Services, Inc. (Veolia) mobilized to the Site on September 3 and demobilized on December 16, 2008. Work completed during the response action include removal of wastes, decommissioning of exterior sumps and interior trenches, mapping of below grade structures, characterization of unknown wastes, storage vessel (e.g., 55-gallon drums, 5-gallon pails, etc.) management, asbestos containing material (ACM) abatement, and regulatory reporting. All the wastes generated during the response action have been removed and disposed of offsite. The building windows and doors have been boarded or secured and a chain-link perimeter fence was installed around the property.

ARCADIS has prepared this Immediate and Remedial Environmental Response Summary Report (Summary Report) to document the work completed during the response action.

Project Background

The sections that follow provide background information for the Site. The information was obtained from reports available at the WDNR Southeast District Headquarters.

Site Location and Description

The Site is located at 4132 North Holton Street in the city of Milwaukee, Wisconsin (Figure 1). The Site covers an area of approximately 3.7 acres. A 70,000 square-foot industrial building exists on the Site. The original building was constructed in 1952,

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

with a building addition completed in 1964. Most of the northern and southern portions of the site are paved with bituminous concrete. Limited areas of grass are present to the west and east. The topographic relief of the site slopes from the west to the east with an approximate 6 feet elevation difference across the Site. A layout of the Site is shown on Figure 2.

The building is separated into two areas by a concrete masonry block wall. The east portion of the building is the former location of the die cast machines (die cast area). The building sub floor structures including tunnels and trenches are primarily located in this area. The western portion of the building consisted of a former trimming department, a main office area with a basement containing a lunchroom and restrooms, and a boiler room. The layout of the facility is shown on Figures 2 and 3.

Site History

The former Milwaukee Die Casting Company produced and machined aluminum and zinc cast parts. Prior to 1981, some of the die casting machines used phosphate ester oil (PEO) hydraulic fluids, which contained PCBs. The PEO was stored on the Site in an underground storage tank (UST) formerly located near the northeastern corner of the building. Spent PEO was stored in an aboveground storage tank (AST) formerly located along the northern exterior wall of the building. The approximate former locations of the PEO AST and UST are shown on Figure 2.

From 1981 until 1997, the die casting machines utilized a water glycol hydraulic fluid. Spent water glycol hydraulic fluids were stored in two fiberglass ASTs. Die casting operations ceased in 1997 and all die casting machines were removed from the Site. Following cessation of die casting operations, trimming department and office areas were occupied by Turner Box Company, which distributed commercial cardboard storage boxes. Turner Box Company vacated the Site on September 26, 2008.

Response Action Contractor Summary

This section is a summary of companies involved in the response action.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Environmental Consultant

ARCADIS U.S., Inc. 126 North Jefferson Street, Suite 400 Milwaukee, WI 53202 Telephone: (414) 276-7742

Project Manager: Ben Verburg, PE, CHMM

PCB Abatement and ACM Removal Contractor

Veolia ES Industrial Services Inc. 1203 Klement Street Fort Atkinson, WI 53538 Telephone: (920) 568-2521

Project Manager: Robert Leszczynski

Master Plumber

Badger Underground, LLC W148N7230 Woodland Dr Menomonee Falls, WI 53051 Telephone: (262) 502-1220

Master Plumber: Jeff Proell (License Number 332242)

Treatment, Storage, and Disposal Facilities

Clean Harbors Deer Park, L.P. (PCB liquid waste) 2027 Independence Parkway South LaPorte, TX 77571 Telephone: (281) 930-2300 EPA ID: TXD055141378

Lone Star Industries, Inc. (hazardous, water soluble oils) 3301 South County Road 150 West Greencastle, IN 46135 Telephone: (765) 653-9766 EPA ID: IND006419212

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Veolia ES Emerald Park Landfill, LLC (non-hazardous waste and regulated asbestos containing material [RACM])

W124 S10629 124th Street

Muskego, WI 53150

Telephone: (414) 529-1360 EPA ID: WIR000003012

Veolia ES Port Arthur, Texas Treatment Complex (PCB liquid waste)

Highway 73, 3.5 miles west of Taylors Bayou

Port Arthur, TX 77640 Telephone: (281) 425-7126 EPA ID: TXD000838896

Veolia ES Technical Solutions, LLC (hazardous waste)

W124 N9311 Boundary Road, Site B

Menomonee Falls, WI 53150 Telephone: (800) 255-5092 EPA ID: WI0000093880

Laboratories

Micro Analytical, Inc. (asbestos)
11521 West North Avenue
Milwaukee, WI 53226
Telephone: (414) 771-0855
National Voluntary Laboratory Accreditation Program Lab Code 101247-0

TestAmerica, Inc. (Volatile organic compounds [VOCs], PCBs, Waste Characterization)

602 Commerce Drive Watertown, WI 53094 Telephone: (920) 261-1660

Wisconsin Certification Number 128053530

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Regulatory Coordination

The objective of the response actions was to address potential ongoing sources of PCB releases. The following bulleted list is a summary of the steps requested by the WDNR in the August 19, 2008, correspondence to include in the response action:

- Take actions necessary to stop discharges to the two exterior sumps and prevent any overflows of the sumps.
- Prevent further discharges to the environment from the sub-floor structures beneath the building. Evaluate other potential sources of conduits for continuing release(s) of to the environment.
- Take additional actions, as necessary, to address the other potential sources of ongoing release(s) to the environment.
- Provide the WDNR project manager (PM) with updates and reporting to document the progress of the response action.

During execution of the response action, ARCADIS provided daily updates and held numerous meetings with Ms. Pamela Mylotta (WDNR PM) and Mr. Bradley Grams U.S. EPA Region 5). During these meetings, ARCADIS provided a summary of the proposed scope of work to address the potential ongoing releases. Other stakeholders (the Milwaukee Metropolitan Sewerage District [MMSD], the city of Milwaukee Department of Neighborhood Services [MDNS]) were invited by the WDNR and U.S. EPA to participate in these meetings.

Response Action Overview

The sections that follow are a summary of the response action. The sections are organized as follows:

- ACM Removal.
- Below-Grade Structure Assessment.
- PCB Source Abatement.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Site Control Measures.

ARCADIS maintained a mobile office and a full-time supervisor was onsite throughout the response action. Proper health and safety practices were a key element during the response action. Health and safety plans were generated by ARCADIS and Veolia and addressed the specific activities. All personnel were required to sign-in/sign-out prior to entering/leaving the Site. Mandatory personnel protective equipment included hard hat, traffic vest, safety glasses, and steel toed boots. Tailgate safety meetings were conducted at the start of each day. ARCADIS also reviewed all waste profiles and manifests and documented all activities.

Supporting documentation is included in appendices to this Summary Report. Documentation included in the appendices includes:

- Appendix B: Waste stream profile and manifest documentation.
- Appendix C: Photographs.
- Appendix D: ACM Report and abatement documentation.
- Appendix E: Water Sample laboratory analytical reports.
- Appendix F: Field waste characterization documentation.
- Appendix G: Waste characterization sample laboratory analytical reports.
- Appendix H: Property boundary survey.

ACM Removal

Veolia conducted an asbestos inspection of the building in 2005. A copy of the Veolia inspection report *Asbestos Assessment/Supplemental Inspection and Bulk Sampling* is included in Appendix D. Friable and Category I and II ACM were identified in the building. Friable ACM was identified in the boiler room; in thermal systems insulation (TSI) and pipe fittings throughout the building; and three asbestos debris piles in the die cast area.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

The objective of the ACM removal was to remove the three debris piles and all friable TSI and pipe fitting ACMs located in the building. The TSI was in poor condition and the damaged ACM could potentially release asbestos fibers during the response action. The ACM in the boiler room and Type I or Type II non-friable ACMs were not addressed during the response action.

On September 5, 2008, an ACM abatement notification form (Form 4500-113) was submitted to the WDNR. Following the mandatory 10-day WDNR review period, Form 4500-113 and an asbestos project permit application was submitted to the MDNS on September 15. The MDNS approved the permit on September 19. The notifications and permits are included in Appendix D.

The door and metal fenced wall opening to the boiler room was secured on September 18, 2008. This consisted of boarding up the boiler room door and securing plastic over the metal fenced wall opening. Asbestos hazard signs were placed on the boarded door and plastic covered wall opening. This work was completed at the request and under the direction of the MDNS.

On September 19, 2008, the ACM abatement activities were initiated. The following bulleted list summarized the ACM removal scope of work:

- Establish ACM abatement containment, as required.
- Remove approximately 2,000 linear feet of friable TSI ACM, 200 ACM pipe fittings, and three ACM debris piles.
- Conduct personnel monitoring and clearance testing including asbestos sampling and analysis.

ACM removal activities were completed in the die cast area between September 19 and 27, 2008. The trimming department ACM removal activities were completed between September 29 and October 7, 2008.

ACM Containment Construction

All exterior doors and windows to the building were closed and/or secured during the ACM removal activities and abatement exclusion zones were established. The die cast

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

area abatement exclusion zone was isolated from the other portions of the building by closing and securing all interior access doors. The TSI ACM in the trimming department was limited to the southern half of the building. The trimming department abatement exclusion zone consisted of a containment curtain hung to isolate the southern half from the remainder of the building. An asbestos decontamination shower and decontamination zone was established to provide access to the die cast and trimming department abatement exclusion zones. All personnel that entered the exclusion zones were required to be in Level C personnel protective equipment, which included Tyvek protective clothing, gloves, and a full-face respirator with particulate cartridges.

The die cast and trimming department abatement exclusion zones remained under containment until post-asbestos abatement air samples were collected and verified air clearance.

ACM Removal and Disposal

Approximately 460 linear feet of TSI ACM was removed from piping runs in the die cast area. Following removal of the TSI ACM, the floors beneath the piping runs were swept to remove the ACM that could potentially have fallen from the piping runs. All ACM collected from the die cast area was placed into sealed, asbestos-labeled, disposal bags, which were placed into cubic yard boxes. Due to the observed oil staining on the outside of the material, the ACM removed from the die casting area was characterized as a Toxic Substances Control Act (TSCA)-regulated waste stream with concentrations of PCBs greater than the 50 parts-per-million (ppm) threshold for disposal as a non-hazardous special waste. Additional information on the disposal of this waste is included in the PCB Source Abatement section of this report.

Approximately 1,525 linear feet of TSI ACM and 72 fittings were removed from piping runs in the trimming department. All ACM collected from the trimming department was placed into sealed, asbestos-labeled, disposal bags, which were placed into a lined 42 cubic yard roll-off box. On October 8, 2008, the 42 cubic yard roll-off box was transported offsite with a signed manifest for disposal at the Veolia Emerald Park Landfill in Muskego, Wisconsin. The landfill reported a total of 4.49 tons of ACM with this manifest. The manifest and landfill weight ticket are included in Appendix D.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

ACM Abatement Air Monitoring

The following air samples were collected as part of the ACM removal activities:

- Pre-abatement background air samples from each die cast and trimming department area.
- Daily continuous air monitoring samples from personnel performing abatement activities.
- Daily continuous air monitoring samples from the decontamination station area.
- Post-abatement air samples from each die cast and trimming department area.

All air samples were submitted for laboratory analysis of asbestos (polarized light microscopy [PLM] method). The air clearance laboratory analytical results were below the MDNS regulatory clearance criteria. A copy of the air monitoring data is included in Appendix D.

Below-Grade Structure Assessment

Prior to conducting the PCB source abatement, the layout and condition of the trenches, floor drains, and tunnel and sewer networks were inspected and physically mapped on September 12, 2008. A layout of the sewer networks are shown on Figure 2. A layout of the trenches, floor drains, and tunnels in the die cast area is shown on Figure 3. Table 1 is a summary of the sewer manholes, sewer and tunnel sumps, and tunnel drains. The trenches, floor drains, tunnels, and sewers inspection findings are discussed in the following sections.

Trenches

The following observations were made during the inspection of the trenches:

• Four concrete trenches (Trench #1 through Trench #4) are located in the die cast area and are approximately 2 feet wide and 2 feet deep and varied in length.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

 Prior to decommissioning, each trench contained approximately 18 inches of sludge/debris with some oil.

Floor Drains

The following observations were made during the inspection of the floor drains:

- Two concrete lined floor drains are located in the southeast corner of the building and are approximately 2 feet wide and 4 inches deep.
- A sump (IS5) is located in the middle of the south floor drain section. This sump
 was abandoned, filled with concrete to the surface grade. The date for the
 abandonment of this sump is unknown.

Main Tunnel System

The main tunnel system consists of two north/south oriented runs (the west main tunnel and east main tunnel) that are approximately 175 feet in length and connected on the southern ends by a 50 foot tunnel (the south main tunnel). Three east/west lateral tunnels (the north, middle, and south main tunnels) branch from the east main tunnel. At the eastern end of the south main tunnel is a 15-foot by 15-foot vault.

The following observations were made during the main tunnel system inspection:

- The west and south main tunnels are approximately 8 feet in depth. The southern half of the east main tunnel deepens to a depth of 9 feet before converging with the south main tunnel. The remaining tunnel network is approximately 9 feet in depth. The depth of the vault located along the east wall of the building is approximately 14 feet deep.
- One 4-inch diameter drain (TD1) is located in the tunnel floor where the south main tunnel converged with the east main tunnel (Figure 3). A second 4-inch diameter drain (TD2) is located in the vault. Both tunnel floor drains appear to be connected to a pipe (tunnel drain lateral) that was routed through the east wall of the building to the exterior south sump.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

- Two-foot deep concrete sumps were located at the southern end of the west main tunnel (IS4) and in the vault (IS3). No outflow or inflow piping was noted in the concrete sumps and both contained inactive sump pumps connected to hoses, which were routed toward the tunnel floor drains (TD1 and TD2).
- The main tunnel system floors are covered with approximately 2 to 4 inches of water with isolated areas of oil sheen and visible sludge. Multiple piping runs varying in size from 2-inches to 6-inches in diameter are located throughout the main tunnel system. Several empty piping runs have been severed and left uncapped.
- One concrete lined sump (IS2) is located approximately 15 feet west of the west main tunnel and was filled with oily water. This sump was approximately 2 feet in diameter and 4 feet in depth. A 4-inch pipe was observed at the bottom of IS2, which exited through the eastern side of the sump.
- The main tunnel system was accessible via nine tunnel access manholes that measured approximately 2 feet by 3 feet.

Access Tunnels

The three access tunnels (western access tunnel, middle access tunnel, and eastern access tunnel) were located in the die cast area. Each tunnel was oriented in a north/south direction, approximately 3 feet in width, and varied in length. The following observations were made during the inspection of the access tunnels:

- The southern third of each tunnel is approximately 2.5 feet in depth, with the remainder of the tunnel deepening to a depth of approximately 4 feet below the top of the floor slab.
- With exception to the middle access tunnel intersection with Trench #3, no piping runs exist in any of the access tunnels.
- The western and middle access tunnels are accessible via manholes that
 measured approximately 2 feet by 2 feet. The eastern access tunnel is only
 accessible via 6-inch diameter ports. The top rim of each 6-inch port is at least 3
 inches above the surrounding grade.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

 The western access tunnel contains 2 to 4 inches of sludge with some oil; the middle access tunnel contained 6 inches of oily sludge; and the eastern access tunnel contained 12 inches of oily sludge.

Sanitary Sewers

The inspection of the sanitary sewers indicated that there are two sanitary sewer lines (SAN #1 and SAN #2) with a total of five sanitary sewer manholes or sumps. The layout of SAN #1 and SAN #2 is shown on Figure 2. The following observations were made during the inspection of the sanitary sewers:

- SAN #1 appeared to receive liquid from the tunnel drain lateral, which discharged into the south sanitary sump (SSS) that is adjacent to the exterior of the east building wall.
- An oil/water weir on the northern side of SSS was connected to a lateral, which ran approximately 120 feet north and discharged into the north sanitary sump (NSS).
- An outlet on the eastern side of the NSS was connected to a lateral, which ran
 approximately 30 feet to the east and discharged into the northern public sanitary
 sewer interceptor. Under the direction of the MMSD, the site owner removed the
 lateral and bulkheaded the outlet in August 2008.
- SAN #2 appears to include three manholes (SANMH1 through SANMH3) located in the southern portion of the building. Each manhole was filled with water, which prevented a thorough inspection.
- Two laterals from the south and east were visible in the western manhole (SANMH3) of SAN #2.
- A lateral from the west was observed in the middle manhole (SANMH2) of SAN #2.
 This east/west lateral appeared to be in line with the eastern manhole (SANMH1) of SAN #2, which was filled with water and debris.
- SANMH1 was in line with the southern public sanitary sewer system inceptor located to the east of the Site. Under the direction of the MMSD, the site owner removed the lateral and bulkheaded the outlet in August 2008.

Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Storm Sewers

The inspection of the storm sewers indicated that there are two storm sewer lines (STM #1 and STM #2) and eight catch basins at the Site. The layout of STM #1 and STM #2 is shown on Figure 2. The following observations were made during the inspection of the storm sewers:

- STM #1 is located north of the building and is connected via an east/west lateral to STMH1 and STMH2.
- STM #2 is located in the southern area of the building interior.
- A storm sewer lateral that discharges into the public storm sewer system to the east of the Site is in-line with the STMH5.
- All but two catch basins are filled with leaves, soil, and debris.

PCB Source Abatement

The objective of this scope of work was to evaluate and address the solid, liquid, and mixed waste containers and the residual PCB-laden oils and sediment in the trenches, sumps, and the tunnel and sewer networks. In accordance with CFR Title 40, Subpart D, § 761.77, the former Milwaukee Die Casting Company submitted a notification of PCB activity to the U.S. EPA on October 21, 2008 (RCRA ID # WID006102305). A copy of this notification is included in Appendix A. The PCB source abatement included the following activities:

- Prepare an addendum to the site specific Health and Safety Plan to address the PCB source abatement and confined space entry of the tunnels and sumps.
- Immediate removal of PCB Oily Water from the north and south sumps.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

- Decommission and seal the north and south sumps and plug the main tunnel drains.
- Clean the die cast area concrete floors, trenches, and northwestern sump.
- Remove oily water and debris from the three access tunnels.
- Inventory, sampling, and disposal of drums, containers, tank bottoms, and other storage vessels.
- Characterization and profiling of the waste materials.
- Prepare waste materials and containers for transportation by bulking, packaging, and over-packing methods.

The following sections summarize the activities completed as part of this response action.

Health and Safety Addendum

ARCADIS prepared a site-specific Health and Safety Plan (HASP) for the response actions. Tunnel openings, piping, and holes were marked and delineated using a combination of orange paint and caution tape. ARCADIS and Veolia personnel completed a daily tailgate health and safety briefing prior to conducting onsite activities.

The main tunnel mapping, sump decommissioning, and access tunnel cleaning activities were completed under a confined space entry permit. An air monitoring program was implemented during the confined space entries. Prior to entering the tunnels and sumps, a MSA Solaris four gas meter was lowered into the tunnels and sumps to monitor the percentage of lower explosive limit (LEL), oxygen, carbon monoxide (CO), and hydrogen sulfide (H₂S) concentrations of the ambient atmospheres. Neither a percent LEL nor concentrations of CO and H₂S were recorded in tunnels and sumps.

Personnel entered the tunnels and sumps in Level C, which included Tyvek protective clothing, gloves, and a full-face respirator with organic and particulate cartridges. Continuous monitoring of the ambient atmospheres was conducted with the four gas

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

meter and an organic vapor analyzer flame ionization detector (FID). The air concentrations recorded by the four gas meter did not change from the pre-entry levels. The FID recorded sustained organic vapor readings ranging from 31 to 101 parts per million (ppm). Based on the organic vapor readings, personnel remained in Level C while in the tunnels and sumps.

North and South Sumps

On July 29 and 30, 2008, Environmental Audits removed a total of ten 55-gallon drums of PCB impacted water from SSS. The PCB impacted water was shipped off-site by Safety-Kleen Systems, Inc. for disposal at the Clean Harbors disposal facility in Deer Park, Texas. Copies of the manifest from this removal action are included in Appendix B.

On September 3, 2008, one 1,200 gallon and one 2,000-gallon plastic AST was mobilized to the Site and placed inside the die cast area. Approximately 1,200 gallons of PCB oily water was removed from NSS and SSS using hoses connected to a vacuum tanker truck. Following the removal of the PCB oily water from SSS, ARCADIS observed oily water discharging into the sump from the tunnel drain lateral.

The PCB oily water from the sumps was transferred from the vacuum tanker truck to the 2,000-gallon plastic AST, which was staged within plastic sheet containment with oil boom berms. Following the transfer, the vacuum tanker truck and hoses were triple rinsed and approximately 200 gallons of rinse water were transferred to the 2,000-gallon AST.

On September 4, 2008, Clean Harbors mobilized to the Site and removed the 1,400-gallons of PCB oily water from the Site using hoses connected to a vacuum tanker truck that was PCB-dedicated. In addition, the Clean Harbors vacuum tanker truck was used to remove approximately 3,000 gallons of oily water from the main tunnel system. The PCB oily water was hauled in the Clean Harbors vacuum tanker truck to the Clean Harbors Deer Park Disposal Facility for incineration. The disposal manifest is included in Appendix B.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Decommissioning and Sealing of North and South Sumps and Plugging of Tunnel Drains

On September 10, 2008, a confined space entry crew and master plumber mobilized to the Site to decommission and seal NSS and SSS. Both sumps had recharged with approximately 4 feet of oily water since September 3. Hoses connected to a vacuum tanker truck were used to remove the PCB oily water. Following removal of the PCB oily water, the sumps were triple rinsed/cleaned with a hot water pressure washer.

The decommissioning of the sumps resulted in the generation of approximately 1,400-gallons of oily water, which was transferred to the 2,000-gallon plastic AST. Following the transfer, the vacuum truck and hoses were triple rinsed and approximately 200-gallons of rinse water were transferred to the 2,000-gallon AST. Following the cleaning of the sumps, a master plumber entered the sumps, mapped and plugged the inlet and outfall. The MDNS was onsite and approved the sealing work.

During the September 12, 2008 inspection of the main tunnel system, the two tunnel floor drains were each plugged with two 50 pound containers of hydraulic water-stop cement. The plugging of the tunnel floor drains effectively abandoned the tunnel drain lateral that had been discharging into SSS.

Following the sealing of the sumps and plugging of the tunnel floor drains, water recharged into the sumps and tunnels from infiltration of groundwater and surface water sources. The recharged water in the sumps reached a static level on October 6, 2008, with each sump containing approximately 9 feet of water. On October 8, 2008, the water in the main tunnel system reached a static level, with an average of 5 feet of water (estimated at 90,000 gallons) throughout the main tunnel system.

The WDNR and U.S. EPA were notified of the water that had accumulated in the sumps and tunnels and performed site inspections on October 23 and November 6, 2008. On November 12, 2008, ARCADIS collected water samples from each sump and the main tunnel system and submitted the samples for laboratory analysis of VOCs. The laboratory analytical results indicated that the water samples contained chlorinated VOC concentrations that exceeded ch. NR 140 regulatory criteria. Previous groundwater investigations have indicated that tetrachloroethene (PCE) is the primary constituent of concern at the Site. The PCE concentrations in the water

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

samples collected from the sumps and tunnels ranged from 0.79 micrograms per liter $(\mu g/L)$ to 13 $\mu g/L$.

On November 19, 2008, ARCADIS collected water samples from each sump and the main tunnel system and submitted the samples for laboratory analysis of PCBs. The laboratory analytical results indicated that the water samples contained total PCB concentrations ranging from 9.2 μ g/L to 99.4 μ g/L, which is above the MMSD discharge limit of 3 μ g/L, but below the 200 μ g/L limit allowed for wastewater disposal via a closed system non-contact application per CFR Title 40, Subpart D, § 761.79(b)(1)(i). The total PCB concentrations were also below the decontamination standard for liquid waste (2.0 ppm) per CFR Title 40, Subpart D, § 761.79(b)(2). The water sample analytical results are summarized in Table 2. The water analytical reports are included in Appendix E.

Cleaning of the Die Cast Area Concrete Floors, Trenches, and Northwestern Sump

Between September 30 and October 8, 2009, industrial floor sweeper/cleaner machines were used to remove the layers of oil, dirt, and girt from the floors. The sweeping process generated three cubic yards of dirt and grit (floor sweepings). The subsequent cleaning process used an industrial soap solution to scrub the floors, removing any free oil. This process generated a total of approximately 900 gallons of PCB oily water, which was stored in four 275-gallon totes. Following the cleaning of the floors, the industrial floor sweeper and cleaner machines were tripled rinsed and the resulting rinse water was incorporated into the PCB oily water totes.

On October 9, 2008, shovels/digging tools were used to remove the sludge/debris from the four trenches (trench sweepings). This process generated thee cubic yard boxes of trench sweepings. On October 13, 2008, the trenches were pressure washed with hot water while using hoses connected to a vacuum tanker truck to remove the resulting rinse water. All of the oily water in the northwestern sump (IS2) was also removed using hoses connected to the vacuum tanker truck. These activities generated approximately 800 gallons of PCB oily water, which was transferred into the 1,200-gallon AST. Following the transfer, the vacuum tanker truck and hoses were triple rinsed and the resulting rinse water was transferred into the 1,200-gallon AST.

Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Access Tunnels

On November 19, 2008, the confined space entry crew cleaned the western and middle access tunnels. Hoses connected to a vacuum tanker truck were used to remove the sludge. Following removal of the sludge, the access tunnels were cleaned using a hot water pressure washer and the hoses connected to the vacuum tanker truck. These activities generated approximately 1,600 gallons of PCB oily water, which was transferred into the 2,000-gallon AST. Following the transfer, the vacuum tanker truck and hoses were triple rinsed and the resulting rinse water was transferred into the 2,000-gallon AST.

Waste Characterization and Profiling

The waste characterization activities included field characterization, desktop reviews, and laboratory analyses of the waste streams at the Site. The following sections summarize the waste characterization activities.

Field Characterization of Waste Streams

Field characterization activities were completed in accordance with Veolia's *Unknown Characterization Procedures, Suspect Chemical Non-Biological,* dated March 2007. Field characterization activities were conducted under direct supervision by ARCADIS. A copy of Veolia's waste characterization procedures is included in Appendix F. Both physical and chemical characterization methods were used to identify the existing and generated waste streams at the Site. The physical characterization activities included locating and inspecting the waste materials, visually noting the physical state of the media (ie, liquid, solid, sludge, etc.), the size and condition of the container (if applicable), and any visual markings or product names. The physical characterization activities identified the following waste materials at the Site:

- Approximately 650 wooden pallets located in the die cast area.
- Oily water and sludge contained in the north, south, and northwestern sumps; the main tunnel system; and the three access tunnels.
- Four 275-gallon totes of oily water from the cleaning of the floors in the die cast area.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

- Oils and liquids stored in 33 55-gallon drums, six 30-gallon drums, one 10-gallon kettle, 37 5-gallon containers, and one 1,500-gallon plastic AST. These containers were located in the die cast area.
- White powder, metal fines, oil/sludge, and miscellaneous oil-covered debris (hoses, boards, glass, etc.) intermingled with floor sweepings stored in thirty-one (31) 55-gallon drums, eight 5-gallon containers, one 6-gallon container, one 15gallon drum, one 30-gallon drum, and one 40-gallon spill box. These containers were located in the die cast area.
- Three empty 55-gallon drums and two 250-gallon empty totes located in the die cast area.
- Four cubic yard boxes of miscellaneous oíl-covered debris (hoses, boards, glass, etc.) intermingled with floor sweepings. These boxes were located in the die cast area.
- Six cubic yards boxes of floor and trench sweepings from the cleaning of the die cast area floors and trenches.
- Tank bottom sludge in two 1,500-gallon plastic ASTs located in the die cast area.
- Six cubic yard boxes of oil-stained TSI ACM from the die cast area.

The sumps, tunnels, drums, containers, and ASTs were each assigned an identification number. In addition, an identification number was assigned to the lot of 650 pallets, the four cubic yard boxes of miscellaneous oil-covered debris, the six cubic yard boxes of floor and trench sweepings, and the six cubic yard boxes of oil-stained TSI ACM. The inventoried waste materials are summarized in Table 3.

Aliquots were collected from each waste material for field chemical characterization, with the following exceptions:

 Wooden pallets, which were characterized by laboratory analytical results (see following section).

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

- Oily water and sludge from the north, south, and northwestern sumps and the floor cleaning process that were assumed to be a PCB impacted oily water (based on June 3, 2008 analytical results from MMSD).
- Three 55-gallon metal drums of emulsified petroleum oil that were unopened, sealed, and clearly identified with a product name (Die Slick Oil 914).
- Miscellaneous oil-covered debris (hoses, boards, glass, etc.) intermingled with floor sweepings, tank bottom sludge, and drum/container skins that were assumed to be PCB impacted debris.
- Oil-stained TSI ACM piping runs that were assumed to be PCB impacted debris.

The chemical characterization procedures included the field testing of each aliquot for pH, air reactivity, water reactivity, water solubility, combustibility, flammability, and the presence of halides, alcohols/aldehydes, an oxidizers, sulfides, and peroxides. The waste materials were segregated into compatible groups according to the physical and chemical characterization results. The field physical and chemical characterization results are summarized on worksheets included in Appendix F.

In general, the liquid waste materials were characterized as acidic, caustic, and combustible liquids, and water soluble, non-water soluble, and non-water soluble flammable oils. A majority of the liquids were either water soluble or non-water soluble oils contained in the 55-gallon drums and 1,500-gallon AST, and non-water soluble flammable oils contained in the access tunnels. Aliquots from each oil waste stream were composited to evaluate for unexpected reactions. No reactions associated with incompatibility were noted.

Field and Desktop PCB Results

In order to evaluate the of PCBs in the water soluble and non-water soluble oil waste streams, a composite sample was collected and field characterized for PCBs using Clor-N-Oil testing kits. The test kits provide an indication whether the non-water soluble and non-water soluble flammable oils contained a PCB concentration greater than 50 ppm. The PCB concentration of the water soluble oils was less than 50 ppm. Due to test kit reagent reactivity issues, the liquid waste streams that were

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

characterized as acidic, caustic, and combustible were not tested for PCBs using the Clor-N-Oil kits.

Aliquots of the floor sweepings and white powder were also field characterized for PCBs using Clor-N-Soil testing kits. The test kits indicated that the floor sweepings contained a PCB concentration greater than 50 ppm. The PCB concentration of the white powder was less than 50 ppm. Due to test kit reagent reactivity issues, a solid waste stream that was characterized as combustible was not tested for PCBs using the Clor-N-Soil kits. The field PCB characterization results are summarized on the worksheets included in Appendix F.

To determine the PCB concentrations of the remaining liquid and solid wastes, Material Safety and Data Sheets (MSDS) databases were searched using the observed markings or product names on the containers/drums. This search identified MSDSs for six chemicals. The MSDSs are included in Appendix F. A review of the MSDSs revealed the following information:

- One 5-gallon container of Multi-therm PG-1 Heat Transfer is not a TSCA waste.
- Three 55-gallon metal drums of Die Slick Oil 914 emulsified petroleum are not a TSCA waste.
- One 5-gallon container of Oakite Enprox 714 is not a TSCA waste.
- One 5-gallon container of Protecto Kote 45 is not a TSCA waste.
- One 30-gallon container of Metsil 1296 is a listed TSCA waste.
- One 5-gallon container of Process 227 Cleaner is a listed TSCA waste.

Laboratory Analysis of Waste Streams

The following waste streams were sampled and submitted to TestAmerica for Waste Disposal Characterization Protocol B (Protocol B) laboratory analysis:

Acidic liquids from two drums (Sample ID: #6 acid).

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

- Caustic white powder from one drum (Sample ID: Misc. Solids #19).
- Water soluble oils from one AST and 25 drums (Sample ID: #7 Water Soluble Oil).
- Non-water soluble flammable oils from the three access tunnels and northwestern sump (Sample ID: #5 Flammable).
- Non-water soluble oils from five drums (Sample ID: #8 Oil).
- Flooring and trench sweepings (Sample ID: Misc. Solids #3).
- Floor sweepings from drums and cubic yard boxes (Sample ID: Misc. Solids #1).
- Metal fines from eight drums (Sample ID: DR8-MS-WS).

The Protocol B analytical results are summarized in Table 4. The analytical reports are included in Appendix G. The analytical results were compared to RCRA and TSCA regulatory criteria, which indicated the following:

- Acidic liquid, caustic white powder, and metal shaving waste streams were nonhazardous and non-TSCA regulated wastes.
- Non-water soluble flammable oils were not a RCRA flammable waste (flashpoint greater than 200 degree Fahrenheit). Therefore, the oil in the access tunnels was characterized as a non-water soluble oil waste stream.
- Non-water soluble oil waste stream was a non-hazardous TSCA regulated waste.
- Trench and Floor sweeping waste stream was a non-hazardous TSCA regulated waste.
- Floor sweepings from the drums and cubic yard boxes were a non-hazardous and non-TSCA regulated waste. It is noted that the floor sweepings were mixed with miscellaneous PCB impacted debris. Given the difficulty in segregating the floor sweepings from the PCB impacted debris, all floor sweepings were assumed to be a TSCA regulated waste.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

 Water soluble oil waste stream was a RCRA selenium characteristic hazardous waste.

A sample was collected from the wooden pallets and submitted for PCB laboratory analysis. The sample was collected from stained pallets to obtain a worst-case concentration of PCBs in the waste stream. Analytical results indicated that the wood sample contained a total PCB concentration of 31.6 milligrams per kilogram, which indicated that the pallets were a non-TSCA waste stream. The Protocol B and wood sample analytical results are summarized in Table 4.

Waste Characterization Findings and Profiles

Waste streams that were not field or laboratory analyzed for PCBs with no MSDS documentation were assumed to be a TSCA waste per CFR Title 40, Subpart D, § 761.(a)(5)(i)(B)(2)(i). The waste characterization activities resulted in the identification of the following 16 waste streams at the Site:

Non-Hazardous Waste Streams

- Acidic Liquid
- Caustic White Powder
- Emulsified Petroleum Oil
- Solid Waste, including wooden pallets
- Metal Fines

TSCA Waste Streams

- PCB/RACM: Including TSI ACM from the die cast area.
- PCB Oily Water: Including water from the sumps, access tunnels, and non-water soluble oils.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

 PCB Impacted Debris: Trench sweepings, floor sweepings, white powder, tank bottom sludge, miscellaneous oil-covered debris intermingled with floor sweepings, and empty drum/container skins.

Hazardous Waste Streams

- Selenium Characteristic Water Soluble Oil (RCRA Characteristic Hazardous Waste Code [RCRA] D010)
- Caustic Liquid (RCRA D002)
- Combustible Liquid (RCRA D001)

TSCA/Hazardous Waste Streams

- Caustic PCB Liquid (RCRA D002)
- Caustic Combustible PCB Liquid (RCRA D001, D002)
- Caustic Peroxide PCB Liquid (RCRA D001, D002)
- Combustible PCB Solid (RCRA D001)
- Combustible Sulfide PCB Liquid (RCRA D001, D003)

Profiles were generated for the waste streams and submitted to the property owner for signature. Signed profiles were subsequently submitted to the waste disposal facility for approval. The waste stream profiles and disposal facility approval letters are included in Appendix B.

Preparing Waste Materials and Containers for Transportation

The 16 waste streams were prepared for transportation in accordance with the Department of Transportation (DOT) Hazardous Materials Regulations (HMR) in 49 CFR parts 171 through 180. The following is a summary of the waste preparation activities:

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

- Due to poor drum/container condition, all acidic liquid, caustic white powder, caustic liquid, combustible liquid, caustic PCB liquid, caustic combustible PCB liquid, caustic peroxide PCB liquid, combustible PCB solid, and combustible sulfide PCB liquid waste streams were placed into 85 gallon, 35 gallon, and 14-gallon overpack drums (according to size) for transportation off-site.
- Emulsified petroleum oil drums were in good condition and required no overpacking for transportation off-site.
- Wooden pallets were loaded into a total of three 20-cubic yard roll-off boxes. The roll-off boxes were covered prior to transportation off-site.
- The nine drums of metal fines were in good condition. The open drum tops were covered prior to transportation off-site.
- The PCB/ACM was placed into lined cubic yard cardboard boxes. The cardboard boxes were sealed prior to transportation off-site.
- The PCB oily water in the drums/containers was transferred into one 275-gallon
 plastic tote using a waste oil transfer pump. The PCB oily water was transferred
 via a vacuum hose to a PCB-dedicated vacuum tanker truck for transportation offsite.
- The PCB oily water from the floor cleaning activities was placed into four 275gallon plastic totes. The PCB oily water was transferred via a vacuum hose to a PCB-dedicated vacuum tanker truck for transportation off-site.
- The PCB oily water from the trench, sump, and access tunnel cleaning activities were placed into 1,200-gallon and 2,000-gallon plastic ASTs. The PCB oily water was transferred via a vacuum hose to a PCB-dedicated vacuum tanker truck for transportation off-site.
- The PCB impacted debris was placed into five 20-cubic yard roll-off boxes. The roll-off boxes were covered prior to transportation off-site.
- The selenium characteristic water soluble oil in the drums/containers was transferred into four 275-gallon plastic totes using a waste oil transfer pump. The

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

selenium characteristic water soluble oil was transferred via a vacuum hose to a vacuum tanker truck for transportation off-site.

Following removal of the PCB oily water and water soluble oil waste streams, all plastic totes and ASTs were cut into three foot pieces and placed into the PCB impacted debris waste stream roll-off boxes. All shipping containers and waste transportation and tanker trucks were labeled in accordance with 49 CFR 172.101. The waste shipping manifests were completed in accordance with U.S. EPA and DOT regulations and were signed by the generator, transporter, and designated facility. Copies of the signed manifests are included in Appendix B.

Waste Disposal Summary

All 16 waste streams were transported off-site for disposal in accordance with state and federal regulations. All waste streams that were placed into overpack drums were weighed on-site prior to removal. The remaining waste stream volumes were estimated at the Site, with the actual waste stream volume determined at the disposal facility weigh station. Each waste stream that was removed from the Site was tracked from date of generation to certificate of disposal/destruction. The waste stream volumes, generated manifest, and waste tracking information are summarized in Table 5. The following is a summarized total of the waste stream volumes generated from this removal response:

Non-Hazardous Waste Streams

- Acidic Liquid; 1,011 pounds solidified off-site at Veolia Technical Solutions in Menomonee Falls, Wisconsin (VTS) and sent to a Subtitle D VTS Landfill for disposal.
- Caustic White Powder; 543 pounds sent to a Subtitle D VTS landfill for disposal.
- Emulsified Petroleum Oil; 1,376 pounds used as a fuel off-site (energy recovery) at VTS.
- Solid Waste, including wooden pallets; 10.59 tons disposed off-site at the Emerald Park Landfill in Muskego, Wisconsin.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

Metal Fines; 7,200 pounds disposed off-site at VTS.

TSCA Waste Streams

- PCB/RACM: Including TSI ACM from the die cast area; 1,360 kilograms disposed off-site at the Environmental Quality landfill in Bellevue, Michigan (EQ).
- PCB Oily Water: Including water from the sumps and non-water soluble oils;
 18,869 kilograms incinerated off-site at the VTS Port Arthur disposal facility in Texas (PA).
- PCB Impacted Debris: Trench sweepings, floor sweepings, white powder, tank bottom sludge, miscellaneous oil-covered debris intermingled with floor sweepings, and empty drum/container skins; 32,389 kilograms disposed off-site at EQ.

Hazardous Waste Streams

- Selenium Characteristic Water Soluble Oil (RCRA D010); 22,240 pounds incinerated off-site at the Lonestar Alternative Fuels disposal facility in Greencastle, Indiana.
- Caustic Liquid (RCRA D002); 44 pounds sent off-site for waste water treatment at VTS.
- Combustible Liquid (RCRA D001); 27 pounds used for energy recovery at VTS.

TSCA/Hazardous Waste Streams

- Caustic PCB Liquid (RCRA D002); 456 kilograms (1,005 pounds) incinerated offsite at PA.
- Caustic Combustible PCB Liquid (RCRA D001, D002); 84 kilograms (185 pounds) incinerated off-site at PA.
- Caustic Peroxide PCB Liquid (RCRA D001, D002); 20 kilograms (44 pounds) incinerated off-site at PA.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

- Combustible PCB Solid (RCRA D001); 26 kilograms (57 pounds) incinerated offsite at PA.
- Combustible Sulfide PCB Liquid (RCRA D001, D003); 37 kilograms (82 pounds) incinerated off-site at PA.

Site Control Measures

The property boundary was surveyed on September 10, 2008. A copy of the property boundary survey is included in Appendix H. On September 11, 2008, an 8-foot high temporary security fence with three gates was installed along the Site property boundary. The gates were secured with a chain and lock. During the PCB source abatement and ACM removal actions, plywood was installed around the building exterior windows and the doors were secured with wood planks (if necessary). On December 3, 2008, plywood was secured over the tunnel manhole openings in the die cast area.

Summary

Between September 3, 2008 and December 16, 2008, ARCADIS completed a response action at the Site. The following is a summary of the work completed as part of the response action:

- The WDNR and U.S. EPA were consulted regarding the project schedule and informed with daily updates regarding the environmental response.
- A site-specific HASP was developed for the response actions. Tunnel openings, piping, and holes were marked and delineated using a combination of orange paint and caution tape. ARCADIS and Veolia personnel completed a daily tailgate health and safety briefing prior to conducting onsite activities.
- The door and metal fenced wall opening for the boiler room was secured with plywood boarding and plastic, respectively. Asbestos hazard signs were placed on the boarded door and plastic covered wall opening.
- Approximately 460 linear feet of TSI ACM was removed from piping runs in the die cast area. Following removal of the TSI ACM, the three debris piles were collected

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

and the floors beneath the piping runs were swept to remove any ACM that would have fallen from the piping runs. The ACM removed from the die casting area was sent off-site for disposal as a TSCA waste.

- Approximately 1,525 linear feet of TSI ACM and 72 fittings were removed from piping runs in the trimming department. The resulting 4.49 tons of ACM was sent off-site for disposal as a non-hazardous special waste.
- Pre-abatement, post-abatement, and continuous air monitoring samples were collected during the asbestos abatement activities and submitted for laboratory analysis of asbestos. The laboratory analytical results indicated that the asbestos air concentrations did not exceed applicable regulatory criteria.
- PCB oily water was removed from the north and south sumps on two occasions during this environmental response. Following the second removal of oily water, the sump inlets and outfalls were sealed by a licensed plumber and the sumps were triple rinsed/cleaned with a hot water pressure washer.
- Main tunnel network was physically mapped and two tunnel floor drains were identified and plugged with hydraulic water stop cement.
- Within 3 weeks of the sealing and plugging of the sumps and tunnel floor drains, groundwater and surface water recharged into the sumps and main tunnel network, reaching an average static level of 4 feet below the surface grade. The recharged water from each sump and the main tunnel system was sampled for VOCs and PCBs. The PCB concentrations were acceptable for wastewater disposal via a closed system non-contact application and were below the decontamination standard for liquid waste of 2.0 ppm.
- The concrete floors, trenches, northwestern sump, and western and middle access tunnels were swept and/or pressure washer with water; removing the PCB impacted debris and/or oily water/sludge.
- All waste (with exception to the RACM in the trimming department) at the Site was characterized in accordance with CFR Title 40, Subpart D, § 761.62(a) and Veolia's Unknown Characterization Procedures, Suspect Chemical Non-Biological, dated March 2007. The field and laboratory waste characterization results

Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

identified five non-hazardous, three TSCA, three hazardous, and five TSCA/hazardous waste streams at the Site. Profiles generated for the waste streams were signed by the Site owner and approved by waste disposal facility.

- The 16 waste streams were prepared for transportation in accordance with the DOT HMR in 49 CFR parts 171 through 180. All waste streams were sent off-site under a waste shipping manifest completed in accordance with U.S. EPA and DOT regulations and signed by the generator, transporter, and designated facility. All shipping containers and waste transportation and tanker trucks were labeled in accordance with 49 CFR 172.101.
- A total of 15.7 tons non-hazardous waste was sent off-site for disposal. Approximately 10.59 tons consisted of wooden pallets disposed at the Emerald Park Landfill in Muskego, Wisconsin. The remaining waste included acidic liquid, caustic white powder, emulsified petroleum oil, and metal fines disposed at the Veolia Technical Solutions disposal facility in Menomonee Falls, Wisconsin.
- A total of 71,027 kilograms of TSCA regulated waste was sent off-site for disposal.
 The TSCA waste included PCB/RACM and PCB impacted debris disposed at the
 Environmental Quality landfill in Bellevue, Michigan and PCB oily water incinerated
 at the Clean Harbors Deer Park and VTS Port Arthur disposal facilities in Texas.
- A total of 23,685 pounds of RCRA hazardous and TSCA/RCRA hazardous waste were sent off-site for disposal. The RCRA hazardous waste included selenium characteristic water soluble oil, caustic liquid, and combustible liquid. The TSCA/RCRA hazardous waste included caustic PCB liquid, caustic combustible PCB liquid, caustic peroxide PCB liquid, combustible PCB solids, and combustible sulfide PCB liquid. The selenium characteristic water soluble oil was disposed at the Lonestar Alternative Fuels disposal facility in Greencastle, Indiana. The remaining wastes were disposed at the Veolia Technical Solutions disposal facilities in Menomonee Falls, Wisconsin or Port Arthur, Texas.
- An 8-foot high temporary security fence with three gates was installed along the
 property boundary to secure the Site. The gates were secured with a chain and
 lock. Plywood was installed around the building exterior windows and over the
 tunnel manhole openings and the doors were secured with wood planks (as
 necessary).

Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

 Following completion of the removal action activities, the water service to the Site was disconnected on November 25, 2008. On September 11, 2008, all power to the Site was disconnected.

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Immediate and Remedial Environmental Response Summary Report

Former Milwaukee Die Casting Company

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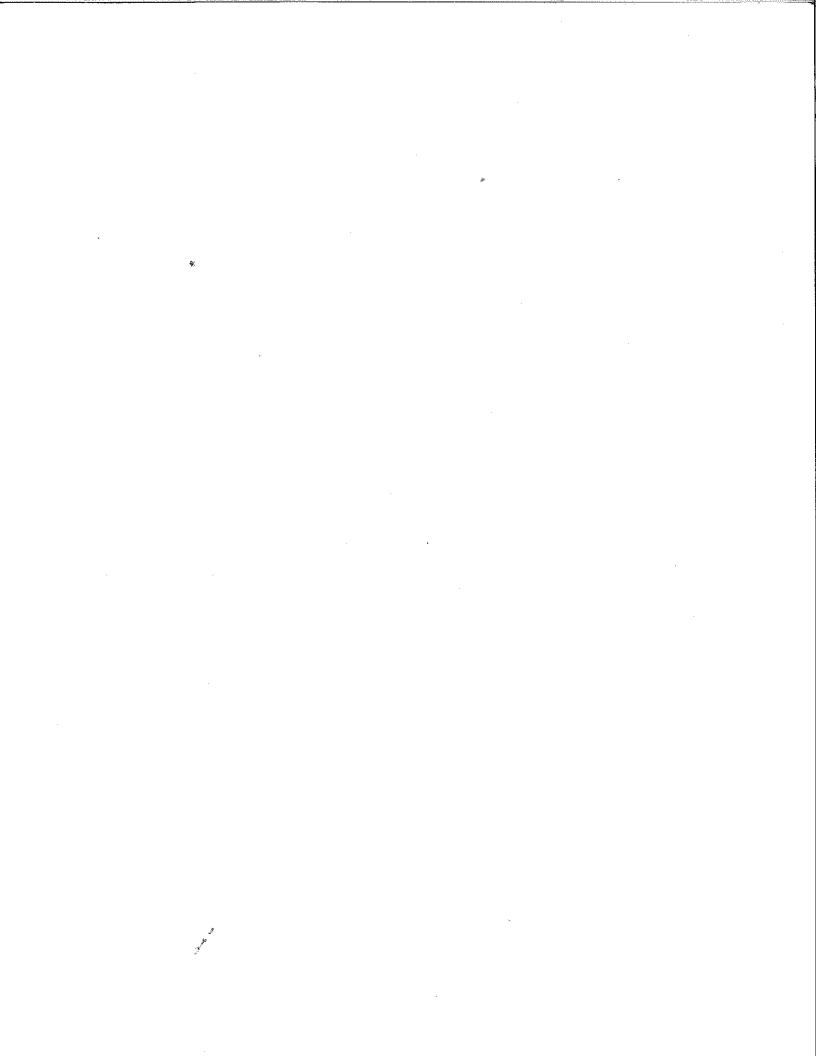


Table 1. Summary of Manholes, Sumps, and Tunnel Drains, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

				·	Lateral	Lateral Location on Interior Face	n Interior	-ace
Identification	Acronmyn	Approximate Location	Dimensions	sions	(depth	(depth from top of manhole rim)	Fmanhole	rim)
Exterior Sanitary Sewer Manholes	S		Diameter	Depth	North	South	East	West
North Sewer Sump	NSS	40 ft north, 5 ft east of northeastern building corner	42	155	132*	ı	ı	107*
South Sewer Sump	SSS	75 ft south, 5 ft east of northeastern building corner	42	165	I	138*	165*	1
Interior Sanitary Sewer Manholes	! !				!			
Sanitary Sewer #2, Manhole #1	SANMH1	45 ft north, 35 ft west of southeastern building corner	1	1	Ž	NA, plugged with debris	with debris	The same of the laws
Sanitary Sewer #2, Manhole #2	SANMH2	140 ft west of SANMH1	42	09	1)	55	55
Sanitary Sewer #2, Manhole #3	SANMH3	80 ft west of SANMH2	42	09	1	-	55	55
Exterior Storm Sewer Manholes]			; 	
Storm Sewer #1, Manhole #1	STMH1	45 ft north, 5 ft east of northeastern building corner	42	72	1	1	70	70
Storm Sewer #1, Manhole #2	STMH2	100 ft west/southwest of STMH1	42	72	ı	ı	70	70
Storm Sewer #1, Manhole #4	STMH4	40 ft south, 15 ft west of northwestern building corner	1	ı	Ž	NA, plugged with debris	vith debris	
Storm Sewer #2, Manhole #7	STMH7	Adjacent to southern building wall, center of loading dock	-	1	Ż	NA, plugged with debris	vith debris	
Storm Sewer #2, Manhole #8	STMH8	60 ft southwest of STMH7	1	1	Z	NA, plugged with debris	vith debris	
Interior Storm Sewer Manholes				 	 			
Storm Sewer #1, Manhole #3	STMH3	5 ft south, 55 ft east of northwestern building corner	1	ı	×	NA, plugged with debris	vith debris	
Storm Sewer #2, Manhole #5	STMH5	40 ft north, 80 ft west of southeastern building corner	1		×	NA, plugged with debris	vith debris	
Storm Sewer #1, Manhole #6	STMH6	110 ft west/southwest of STMH5	42	88	1	8.7	84	48
Interior Sumps								
Interior Sump #1	181	20 ft south, 20 ft west of northeastern building corner	1	1	Ŋ	NA, plugged with debris	vith debris	
Interior Sump #2	IS2	115 ft west of IS1	42	48	6.0		46	
Interior Sump #3	IS3	15 ft by 15 ft vault, main tunnel system	24	24	1	1	1	1
Interior Sump #4	IS4	Southwestern corner of main tunnel system	24	24	ł	1	ì	
Inferior Sump #5	IS5	Southern floor drain system	1	1	NA.	NA. plugged with concrete	th concrete	
Tunnel Drains					1 - 1 -			
Tunnel Drain #1	TD1	Convergence of south main tunnel with east main tunnel	4	9	1	-	**9	1
Tunnel Drain #2	TD2	15 ft by 15 ft vault, main tunnel system	4	9	1		**9	-
Note: Unless otherwise noted, all	measurement	Note: Unless otherwise noted, all measurements are approximate and reported in inches.						

Laterals were plugged on September 10, 2008.

Drains and laterals were plugged on September 12, 2008.

Feet.

Not accessible.

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Table 2. Sump and Tunnel Water VOC and PCB Analytical Results, Former Milwaukee Die Casting Company, Milwaukee. Wisconsin.

Location			North Sump	South Sump	Main Tunnel
Sample ID	NR 140	NR 140	NS-WS	SS-WS	MT-WS
Sample Date	ES	PAL	11/12/08	11/12/08	11/12/08
VOCs (µg/L)					
Chloroform	6	0.6	< 0.20	< 0.20	0.41 J
1,1-Dichloroethane	850	85	< 0.50	14	< 0.50
cis-1,2-Dichloroethene	70	7	150	260	6.9
trans-1,2-Dichloroethene	100	20	2.1	2.3 J	< 0.20
Tetrachloroethene	5	0.5	13	2.9 J	0.79 J
Trichloroethene	5	0.5	15	12	7.2
Vinyl Chloride	0.2	0.02	2	4.6	0.42 J

PCBs (µg/L)			11/19/08	11/19/08	11/19/08
PCB-1016	122	100	< 0.67	<3.6	<1.5
PCB-1221	194	44	<1.8	<9.9	<4.0
PCB-1232	(and an	in the	< 0.70	<3.8	<1.5
PCB-1242	0		3.8 J	70	13 J
PCB-1248			< 0.67	<3.6	<1.5
PCB-1254			< 0.81	<4.4	<1.8
PCB-1260		200	< 0.75	<4.1	<1.6
Total Detected PCBs	0.03	0.003	3.8	70	13
Total PCBs			9.2	99.4	24.9

Only detected VOCs are summarized in this table, for a complete listing please refer to the laboratory report.

Concentration exceeds the WDNR NR 140 Preventive Action Limit (PAL).

-- Not established.

Bold Concentration exceeds the WDNR NR 140 Enforcement Standard (ES).

ES Enforcement standard.

J Results reported between the method detection limit and limit of quantitation.

μg/L Micrograms per liter.
PAL Preventive action limit.
PCBs Polychlorinated biphenyls.
VOCs Volatile organic compounds.

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Table 3. Inventory and Field Characterization Results of Waste Streams, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

									Field	Characteriza	ation				Field Description, RCRA Characteris
ID	Vessel Type	Volume	Modia	Observed Markings	A ma a m ā	Anidia	01:-	Water	0 1 "1	Alcohol/		2 22 7	220 92/929		or Listed Hazardous Waste Code(s
17111134	zardous Waste Streams	volunie	Ivicuia	Observed Markings	Amount	Acidic	Caustic	Soluble	Combustible	Aldehyde	Flammable	Sulfide	Peroxide	PCBs	(Waste Stream Number)
21	PL, CT Drum	55 gal	L	MFS-60ZL	1/4 full	X								NO/L-I-	
25	PL, CT Drum	55 gal	L	None	Full	X								NS/Lab NS/Lab	=
C29	PL, Container	5 gal	L	Oakite 33 Corrosive	Full	X								NS/MSDS	Acidic Liquid (1)
				Multithem PG-1 Heat	1120-012									143/14303	Acidic Elquid (1)
C42	PL, Container	5 gal	L	Transfer	Full	X								NS/MSDS	
19	ML, OT Drum	55 gal	- S	None	3/4 full		<u>x</u>	<u>-</u>						NS/Lab	
C40	PL, Container	5 gal	S	RX Refractory Coating	Full		Х	227 793						NS/Lab	Caustic White powder (2)
46	ML, CT Drum	55 gal		Die Slick Oil 914	Full									_ 140/245 _	
47	ML, CT Drum	55 gal	L	Die Slick Oil 914	Full	NS/MSDS	NS/MSDS	NS/MSDS	NS/MSDS	NS/MSDS	NS/MSDS	NS/MSDS	NS/MSDS	NS/MSDS	Emulsified petroleum oil (3)
49	ML, CT Drum	55 gal	L	Die Slick Oil 914	Full				_				110/111000	. vo/mebe	Emalamed petroleum on (a)
	Wooden Pallets	60 CY		None	650 units	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	Solid Waste (4)
13	PL, OT Drum	55 gal	S	None	Full								- 110/200	- No/Lab _	
18	ML, OT Drum	55 gal	S	None	3/4 full	- 7									
57	ML, OT Drum	55 gal	S	None	Full	-									
62	ML, OT Drum	55 gal	S	None	1/2 full										
63	ML, OT Drum	30 gal	S	None	3/4 full	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	Metal Fines (5)
9	F, OT Drum	55 gal	S	None	1/2 full	-			1407 Edib	TVO/EGD	IVO/LUD	NO/Lab	NO/Lab	NO/Lab	Metal Filles (5)
26	ML, OT Drum	55 gal	S	None	Full	=									
33	ML, OT Drum	55 gal	S	None	Full	2									
66	ML, OT Drum	55 gal	S	None	Full	=									
TSCA/R	ACM Waste				The state			Edit Mask			1 1 1 1 1 1 1 1 1 1 1 1 1		A CONTRACT OF		
86	CY Boxes/ RACM	6 CY	S	None	Full	NS	NS	NS	NS	NS	NS	NS	NS	NS	PCB/ACM Waste (6)
			me												
	aste Streams				dia en la										
6	PL, CT Drum	55 gal	L	None	Full									Х	
34	ML, CT Drum	55 gal	L	None	Full									X	
43	ML, CT Drum	55 gal	L	None	1/4 full									Х	
52	ML, OT Drum	55 gal	L	None	1/2 full				4					Х	
69	PL, CT Drum	55 gal	L	None	3/4 full									X	
70	PL, CT Drum	30 gal	L	KML BWT-207	1/2 full									X	
77	Access Tunnels	3,000 gal	L/SL	None	NA				X	Χ	X	- 1112		X	
78	North Sump	700 gal	L	None	Full	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	9
79	South Sump	700 gal	L	None	Full	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	PCB Oily Water (7)
80	Northwestern Sump	700 gal	L	None	Full	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	TOD Ony Water (1)
81	Main Tunnel	90,000 gal	L	None	Full	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab		z
82	Totes/Cleaning of Floors	1,100 gal	Ē	None	Full	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	www.v. v. o		NS/Lab	8
C1	OT, Spill Box	40 gal	L/SL	None	1/2 full	140/LUD	NO/Lab	INO/Lau	NO/Lab	INO/Lab	NS/Lab	NS/Lab	NS/Lab	NS/Lab	
C2	PL, OT Container	6 gal	L/SL	None	Full									X	8
C3	PL, Container	5 gal	L/SL	None	Full	7								Х	
C4	PL, Container	5 gal	L/SL	None										X	
\sim \sim		15 gal	L/SL	None	Full Full									Х	8
C5	PL, OT Drum													X	

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Table 3. Inventory and Field Characterization Results of Waste Streams, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

									Field	Characteriz	ation				Field Description, RCRA Characteristi
ID	Vessel Type	Volume	Media	Observed Markings	Amount	Acidic	Caustic	Water Soluble	Combustible	Alcohol/	Flammable	Sulfide	Peroxide	PCBs	or Listed Hazardous Waste Code(s) (Waste Stream Number)
	te Streams (continued)				The state of the s	1 2 2 2 2	0440110	00101010	Oombaotibic	Aidonyac	riammable	Juliue	reroxide	FUDS	(waste Stream Number)
C6	ML, OT Kettle	10 gal	L	None	1/2 full									X	
												See Libert			_
C7	PL, Container	5 gal	L	900Z-15 Release Agent	1/2 full			X						Χ	
C9	PL, Container	5 gal	L	None	Full									X	<u></u>
C10	PL, Container	5 gal	L	Benzoil, ATP (Ford)	Full									Х	_
C11	PL, Container	5 gal	L	Benzoil, Lube	Full									Х	
C13	PL, Container	5 gal	L	Metal Working Fluid	Full			Х						Х	_
C22	PL, Container	5 gal	L	Standard Oil Fiber Stick	Full						11			Х	=
C24	PL, Container	5 gal	L	Abrasive Systems Inc.	Full									X	
C28	PL, Container	5 gal	L	Heat Transfer Fluid 500	Full									X	_
C30	PL, Container	5 gal	L	Benzoil	Full									X	
				Aluminum Release											-
C31	PL, Container	5 gal	L	Agent	Full									Χ	
C32	PL, Container	5 gal	L	Sealed Pail	Full									Х	PCP Oily Water (7) (continued)
C33	PL, Container	5 gal	L	EDM Fluid - Oil	Full							R		Х	PCB Oily Water (7) (continued)
C34	PL, Container	5 gal	L	Benzoil	Full									Х	
C35	PL, Container	5 gal	L	Lube 9200	Full									Х	
C36	PL, Container	5 gal	L	Coolant	Full									Х	_
C37	PL, Container	5 gal	L	Benzoil Way Lube 220	Full					7.5				Х	_
C38	PL, Container	5 gal	L	Sullube 32	Full									Х	_
C39	PL, Container	5 gal	L	L/O TCFGUN 5	Full				MS .					Х	
C41	PL, Container	5 gal	L	EDM Fluid	Full									Х	_
C44	PL, Container	5 gal	L	None	Full			Х						Χ	
120000				Aluminum Release											
C45	PL, Container	5 gal	L	Agent	Full									X	
C46	PL, Container	5 gal	L	Benzoil Retaulic 32	Full									Х	
C47	PL, Container	5 gal	L	None	Full				-Y-11					Х	
C48	PL, Container	5 gal	. <u>- L</u> _	Pittsburg	Full									X	
5	ML, OT Drum	55 gal	S/SL	None	Full									X	_
7	ML, CT Drum	55 gal	S/SL	Waylube 220	1/2 full									Х	_
10	ML, OT Drum	55 gal	S	None	1/2 full									Х	
14	F, OT Drum	55 gal	S	None	Full									Х	_
15	ML, OT Drum	55 gal	S	None	1/2 full									Χ	
16	F, OT Drum	55 gal	S	None	1/2 full	**								Х	— DCD Impropried Delais (O) (IV-1-1
17	F, OT Drum	55 gal	S	None	1/2 full									Х	PCB Impacted Debris (8) (Includes trend
20	ML, OT Drum	55 gal	S	None	Full									Х	 sweepings, floor sweepings, white powd tank bottom sludge, oil covered debris a
23	ML, OT Drum	55 gal	S	None	Full									Χ	 RACM, empty drum/container skins)
31	ML, OT Drum	55 gal	S	None	Full									Х	
32	ML, OT Drum	55 gal	S	None	Full									X	_
42	ML, CT Drum	55 gal	S/SL	None	1/2 Full									Χ	
45	ML, OT Drum	55 gal	S	None	Full									X	_
50	ML, CT Drum	55 gal	S	None	Full									Χ	_
51	ML, OT Drum on Page 4.	55 gal	S	None	1/2 full									Х	<u></u>

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Table 3. Inventory and Field Characterization Results of Waste Streams, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

									Field	Characteriz	ation				Field Description, RCRA Characteristic
ID	Vessel Type	Volume	Media	Observed Markings	Amount	Acidic	Caustic	Water Soluble	Combustible	Alcohol/	Flammable	Sulfide	Peroxide	PCBs	or Listed Hazardous Waste Code(s)
	Naste Streams (continued)	Volume	modia	Oboci vod markings	Amount	ACIGIC	Caustic	Soluble	Combustible	Aluellyue	riaiiiiiabie	Sumae	reroxide	PUBS	(Waste Stream Number)
53	ML, OT Drum	55 gal	S/SL	None	Full									X	
56	ML, OT Drum	55 gal	S	None	Full									X	_
58	ML, OT Drum	55 gal	S	None	Full								10 SW	X	_
68	ML, OT Drum	55 gal	S	None	Full									X	_
71	F, OT Drum	55 gal	S	None	1/2 full									X	='
73	ML, OT Drum	55 gal	S	None	1/2 full									X	
74	ML, OT Drum	55 gal	S	None	1/2 full								-	X	PCB Impacted Debris (8) (continued)
-	CY Boxes/Trench and Floor													********	 (Includes trench sweepings, floor
75	Sweepings	6 CY	S	None	Full									X	sweepings, white powder, tank bottom
83	PL AST	1,500 gal	S/SL	None	Bottoms	NS	NS	NS	NS	NS	NS	NS	NS	NS	sludge, oil covered debris and RACM,
84	PL AST	1,500 gal	S/SL	None	Bottoms	NS	NS	NS	NS	NS	NS	NS	NS	NS	empty drum/container skins)
	CY Boxes/ Miscellaneous				ne sevena	20.20000000	1000						.,,	110	=
85	Debris	4 CY	S	None	Full	NS	NS	NS	NS	NS	NS	NS	NS	NS	
C25	PL, Container	5 gal	S	Tracote #95	Full		11.11.11.11.11							NS	- -
C27	PL, Container	5 gal	S	mortar	1/2 Full									NS	→)
C43	PL, Container	5 gal	S	PolySlick No DO-5	Full									NS	_
-	The second secon		· · · · · · · · · · · · · · · · · · ·												
	ous Waste					The second									
1	ML, CT Drum	55 gal	L	None	Full			Х							_
2	PL, CT Drum	55 gal	L	BC-1339	10 gal			X							_
4	PL, CT Drum	55 gal	L	Howell MFR	1/2 full			Χ							_
- 8	ML, CT Drum	55 gal	L	Howell MFR	1/8 full		Contract	X							
22	PL, CT Drum	30 gal	L	KMI Water Treatment	1/2 full			Х							
27	PL, CT Drum	55 gal	L	None	Full		17	Х							
28	ML, CT Drum	55 gal	L	None	Full			Х							
29	ML, CT Drum	55 gal	<u> </u>	Benzoil	Full			X							_
30	ML, CT Drum	55 gal	L	None	Full			X							
35	ML, CT Drum	55 gal	L.	None	Full			Х							_
36	ML, CT Drum	55 gal	L	None	Full			X							
37	ML, OT Drum	55 gal	L	Trim Line ID3-LO	1/2 full			X							Water Soluble Oil, D010 (9)
38	ML, CT Drum	55 gal	<u> </u>	Multitron PG-1	Full			X	1						
39	ML, CT Drum	55 gal	L	None	Full			X							
40	ML, CT Drum	55 gal	<u> </u>	None	Full			Х							
41	ML, CT Drum	55 gal	Ŀ	None	1/8 full		1100	X					_		
44	ML, CT Drum	55 gal	<u> </u>	None	Full			Χ							
48	ML, CT Drum	55 gal	L	None	Full			Х							_
54	PL, OT Drum	55 gal	L	None	Full			X							_
55	ML, CT Drum	55 gal	L	Cen-Pe-Co	Full			Х							_
59	ML, CT Drum	55 gal	L	None	Full		_	X							
60	ML, CT Drum	55 gal	L	None	Full			X							
61	ML, CT Drum	55 gal	L	None	Full			Х							_
64	ML, CT Drum es on Page 4.	55 gal	L	None	Full			X							

Footnotes on Page 4.

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Table 3. Inventory and Field Characterization Results of Waste Streams, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

									Field	Characteriz	zation				Field Description, RCRA Characteristic
ID	Vescal Tyme	Valuma	Madia	Observed Markings		A - ! - !! -	0	Water	0 1	Alcohol/		0 1/11			or Listed Hazardous Waste Code(s)
	Vessel Type ous Waste (continued)	volume	wedia	Observed Markings	Amount	Acidic	Caustic	Soluble	Combustible	Aldehyde	Flammable	Sulfide	Peroxide	PCBs	(Waste Stream Number)
65	ML, CT Drum	55 gal	L	None	Full			X							
67	ML, CT Drum	55 gal	L	None	Full			X							Water Soluble Oil, D010 (9) (continued)
76	PL AST	1,500 gal	L	None	Full			X							vvater soluble oil, boro (9) (continued)
				Oakite Enprox 714											
C17	PL, Container	5 gal	L	Corrosive	Full		X							NS/MSDS	Caustic Liquid, D002 (10)
				Protecto Kote Benzoil 45											
<u>C18</u>	PL, Container	5 gal	- <u>L</u> -	Flammable	F <u>ull</u>				X					NS/MSDS	Combustible Liquid, D001 (11)
TOOAIL	lazardous Waste														
3	F, CT Drum	30 gal		Corrosive Liquid											
11	F, CT Drum	30 gal	L	Metsil, 1296	Full		X	X			-			NS	-1
C8	PL, Container	50 gal	L	None	Full		X	^						NS/MSDS NS	w)
	i L, Container	o gai		TVOTIC	TUII				-	- 100				IVS	Caustic PCB Liquid, D002 (12)
C12	PL, Container	5 gal	L	1250 Snappy Degreaser	Full		X	X						NS	Caustic FOB Elquid, D002 (12)
C15	PL, Container	5 gal	L	Tech Cleaner 7022	Full		X	X						NS	a
C26	PL, Container	5 gal	L	Process 227 Cleaner	Full		X							NS/MSDS	7
				Heavy Duty Coating											
C14	PL, Container	5 gal	L.	Flammable	Full		X		X					NS	- Caustic Combustible PCB Liquid, D001
200				Gloss Polyamide Epoxy										8	D002 (13)
C20	PL, Container	5 gal	Ļ	Flammable	Full		X		X					NS	5002 (10)
<u>C49</u>	PL, Container	<u>5 gal</u>		Flammable	Full		X		X					NS	
C19	PL, Container	5 gal	1	Grade E 1626	Full		Х						V	NO	Caustic Peroxide PCB Liquid, D001, D00
C19 C16	PL, Container	— <u>5 gal</u> — 5 gal		Flammable	1/2 full		^		x				X	<u>NS</u>	(14) Combustible PCB Solid, D001 (15)
			- — -	Gloss Polyamide Epoxy											
C23	PL, Container	5 gal	L	Flammable	Full				X			Χ		NS	Combustible Sulfide PCB Liquid, D001
C21	PL, Container	5 gal	SL	Waste Oil	Full				X			X		NS	D003 (16)
-	0 1 '														
	Containers PL, CT Drum	20 est	NIA	OS-2140											
12 24	ML, OT Drum	30 gal 55 gal	NA NA	None	Empty	8									
72	ML, CT Drum	55 gal	NA	Safety Lube 8515	Empty Empty	NA	NA	NA	NA	NA	NA	NA	NA	NA	Emph
87	ML, Tote	250 gal	NA	Benzoil	Empty	. 14/1	IVA	INA	IVA	IVA	INA	INA	INA	INA	Empty
88	ML, Tote	250 gal	NA	Benzoil	Empty										
AST	Aboveground storage tanks		3.4800.79		,					PL	Plastic.				
су	Cubic yard.									RACM	Regulated asb	estos contai	ning material		
CT	Closed top.									S	Solid media.				
F.	Fiber.									SL	Sludge media.				
gal	Gallon.									TSCA	Toxic Substance	es Control i	Act of 1977		
ID I	Characterization identificat	ion number.													
ML	Liquid media. Metal.									DODA OL					
NS	Not sampled. All material n	not sampled fo	r PCRe	was assumed to be a TSC	A wasta unk	acc characto	rized below				racteristic or List				0
NS/Lab					r wasie, uille	Jos Characte	HZGU DEIUW.			D001 D002	Ignitable liquid				al to 2.0 or greater than or equal to 12.5.
	Not sampled. TSCA deterr				a Sheet.					D002					Bit to 2.0 or greater than or equal to 12.5. Bit between 2 and 12.5.
NA	Not applicable.									D010	Selenium toxic			gaoos ar a p	THOUSE WHE TELO.
OT	Open top.												NOV T		

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Waste Stream		(1) Acidic Liquid ¹	(2) Caustic White Powder	(4) Solid Waste	(5) Metal Fines	(7) PCE	3 Oily Water ²	(8) PCB	Waste ²	(9) Water Soluble Oil ³
Waste Stream Sample Description	RCRA Characteristic	Composite of liquid in two drums.	Soil, white powder in one drum.	Stained pallets.	Metal fine from eight drums.	Composite of liquid in access tunnels.	Composite of non- water soluble oil in five drums.	Composite of floor sweepings from floors and trenches.	Composite of floor sweepings collected from drums.	Composite of oil in one plastic AST and 25 drums.
Sample Identification	Hazardous Waste	#C A aid	Miss Calida #40	Wood Shavings	220 110 110					
General Chemistry Parameters	Threshold Limits	#6 Acid	Misc. Solids #19	(Pallets)	DR8-MS-WS	#5 Flammable	#8 Oil	Misc. Solids #3	Misc. Solids #1	#7 Water Soluble Oil
% Solids	7774075	10	70	NC	00	0.00	0.0	0.7		40
Cyanide, total (mg/kg)	590	10 <0.50	73 <0.50	NS	96	0.99	2.8	87	94	18
Flashpoint (°F)	<140	>200	>200	NS NS	<0.50	<0.50	<0.50	<0.50	<0.50	1.5
pH (pH Units)	pH≤2.5 or pH ≥12.5	4.00	9.65		>200	>200	>200	>200	>200	>200
Sulfide (mg/kg)	500	<10	<10	NS NS	6.42	7.00	7.00	6.52	6.29	10.0
Chlorine (%)	10	0.036	0.065		21	20	<10	12	20	12
Paint Filter Liquids (mL)	*	97	<0.10	NS NS	0.16 <0.10	0.059	0.033 100	0.29	0.087	0.021
Specific Gravity	:	0.97	1.4	NS NS	1.5	66 0.90	0.86	<0.10 1.4	<0.10 1.4	94 0.93
TCLP Metals (mg/L)								25		
Arsenic	5.0	<0.90	<0.90	NS	<0.3	<0.36	<0.36	<0.36	<0.36	<0.90
Barium	100	0.074	<0.050	NS	<0.1	0.050	0.054	0.48	0.31	0.17
Cadmium	1.0	<0.050	<0.050	NS	0.0925	<0.020	0.042	0.070	0.037	<0.050
Chromium	5.0	<0.10	<0.10	NS	<0.020	<0.040	<0.040	<0.040	0.79	<0.10
Copper	100	<0.25	<0.25	NS	0.94	<0.10	0.24	3.0	1.0	1.3
Lead	5.0	<0.50	< 0.50	NS	<0.1	<0.20	<0.20	<0.20	<0.20	<0.50
Mercury	0.2	<0.0090	< 0.0010	NS	<0.0020	< 0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Nickel	NEE -	<0.10	<0.10	NS	<0.050	< 0.040	0.072	0.11	0.28	<0.10
Selenium	1.0	<0.80	<0.80	NS	<0.15	<0.32	<0.32	<0.32	<0.32	1.4
Silver	5.0	<0.10	<0.10	NS	<0.020	<0.040	<0.040	<0.040	<0.040	<0.10
Zinc	500	1.1	1.3	NS	27.8	0.15	9.0	170	58	10
TCLP VOCs (mg/L)										
Benzene	0.5	<3.2 RL8	< 0.020	NS	<0.020	<0.080	<0.80 RL8	< 0.020	<0.020	<0.80 RL8
2-Butanone (MEK)	200	<3.2 RL8	<0.20	NS	<0.20	<0.80	<8.0 RL8	<0.20	<0.20	<8.0 RL8
Carbon Tetrachloride	0.5	<3.2 RL8	< 0.020	NS	<0.020	<0.080	<0.80 RL8	< 0.020	< 0.020	<0.80 RL8
Chlorobenzene	100	<3.2 RL8	< 0.020	NS	<0.020	<0.080	<0.80 RL8	<0.020	<0.020	<0.80 RL8
Chloroform	6.0	<3.2 RL8	< 0.020	NS	<0.020	<0.080	<0.80 RL8	<0.020	<0.020	<0.80 RL8
1,2-Dichloroethane	0.5	<3.2 RL8	<0.020	NS	<0.020	<0.080	<0.80 RL8	<0.020	<0.020	<0.80 RL8
1,1-Dichloroethene	0.7	<3.2 RL8	<0.020	NS	<0.020	<0.080	<0.80 RL8	<0.020	<0.020	<0.80 RL8
Tetrachloroethene	0.7	<3.2 RL8	<0.020	NS	<0.020	<0.080	<0.80 RL8	<0.020	<0.020	<0.80 RL8
Trichloroethene	0.5	<3.2 RL8	<0.020	NS	<0.020	<0.080	<0.80 RL8	<0.020	<0.020	<0.80 RL8
Vinyl chloride	0.2	<3.2 RL8	<0.020	NS	<0.020	<0.080	<0.80 RL8	<0.020	<0.020	<0.80 RL8
TCLP SVOCs (mg/L)			v_s: c_e-abulcos	Q. Sandara	ON HALL STREET	200 3000000 504-0		E00000 (10000 10		
1,4-Dichlorobenzene	7.5	<0.700 RL1	<0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
2,4-Dinitrotoluene	0.13	<0.600 RL1	<0.0600	NS	<0.0600	<0.600 RL1	<0.600 RL1	<0.600 RL1	<0.600 RL1	<3.00 RL1
Hexachlorobenzene	0.13	<0.600 RL1	<0.0600	NS	<0.0600	<0.600 RL1	<0.600 RL1	<0.600 RL1	<0.600 RL1	<3.00 RL1
Hexachloroethane	3.0	<0.700 RL1	< 0.0700	NS	< 0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1

Footnotes on Page 3.

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Table 4. Waste Stream Laboratory Analytical Results, Former Milwaukee Die Casting Company, Milwaukee, Wisconsin.

Waste Stream		(1) Acidic Liquid ¹	(2) Caustic White Powder	(4) Solid Waste	(5) Metal Fines	(7) PCB	Oily Water ²	(8) PCB	Waste ²	(9) Water Soluble Oil ³
Waste Stream Sample Description	RCRA Characteristic	Composite of liquid in two drums.	Soil, white powder in one drum.	Stained pallets.	Metal fine from eight drums.	Composite of liquid in access tunnels.	Composite of non- water soluble oil in five drums.	Composite of floor sweepings from floors and trenches.	Composite of floor sweepings collected from drums.	Composite of oil in one plastic AST and 25 drums.
Sample Identification	Hazardous Waste Threshold Limits	#6 Acid	Misc. Solids #19	Wood Shavings (Pallets)	DR8-MS-WS	#5 Flammable	#8 Oil	Misc. Solids #3	Misc. Solids #1	#7 Water Soluble Oil
TCLP SVOCs (mg/L) (continued)										10000 00000000 00 30 Jeenstudiotace 2 20000
Hexachlorobutadiene	0.5	<0.700 RL1	< 0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
Nitrobenzene	2.0	<0.700 RL1	< 0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
Pyridine	5.0	<0.700 RL1	< 0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
Cresol(s)	200	<0.700 RL1	< 0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
2-Methylphenol (o-Cresol)	200	<0.700 RL1	< 0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
4-Methylphenol (p-Cresol)	200	<0.700 RL1	< 0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
Pentachlorophenol	100	<3.50 RL1	<0.350	NS	< 0.350	<3.50 RL1	<3.50 RL1	<3.50 RL1	<3.50 RL1	<17.5 RL1
Phenol	\ <u>-</u>	<0.700 RL1	< 0.0700	NS	< 0.0700	5.54 RL1	<0.700 RL1	1.47 RL1	<0.700 RL1	<3.50 RL1
2,4,5-Trichlorophenol	400	<0.700 RL1	< 0.0700	NS	< 0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
2,4,6-Trichlorophenol	2.0	<0.700 RL1	<0.0700	NS	<0.0700	<0.700 RL1	<0.700 RL1	<0.700 RL1	<0.700 RL1	<3.50 RL1
PCBs (mg/kg) TSCA Wa	│ aste Threshold Limits									
PCB-1016		<0.800	0.05	<0.292	<2.6	<0.699	<0.441	<0.0500	<0.0500	<0.800
PCB-1221	1775	<0.800	0.05	<0.292	<2.6	<0.699	< 0.441	<0.0500	<0.0500	<0.800
PCB-1232		<0.800	0.05	<0.292	<2.6	< 0.699	< 0.441	< 0.0500	<0.0500	<0.800
PCB-1242		<0.800	1.26	29.6	9.0	4770	101	370	9.8	1.92
PCB-1248		<0.800	0.05	<0.292	<2.6	<0.699	< 0.441	<0.0500	<0.0500	<0.800
PCB-1254		<0.800	0.05	< 0.292	<2.6	< 0.699	<0.441	<0.0500	<0.0500	<0.800
PCB-1260		<0.800	0.05	< 0.292	<2.6	< 0.699	< 0.441	<0.0500	<0.0500	<0.800
PCB-1268		<0.800	0.05	<0.292	<2.6	< 0.699	<0.441	<0.0500	<0.0500	<0.800
Total PCBs	50	NA	1.61	31.6	27.2	4774.9	104.09	370.4	10.2	7.52

Footnotes on Page 3

BOLD Sample concentration exceeds RCRA Characteristic Hazardous Waste Threshold Limits.

BOLD	Sample concentration exceeds TSCA Waste Threshold Limits.

mg/kg Milligrams per kilogram.

mg/L Milligrams per liter.

MSDS Material safety data sheet.

NA Not applicable.

NR Not required by Veolia for waste disposal. RL1 Reporting limit raised due to sample matrix effects.

NS Not sampled. RL8 Sample diluted due to foaming.

PCB Polychlorinated biphenyls. TSCA Toxic Substances Control Act of 1977.
PPE Personnel protective equipment. TCLP Toxicity characteristic leachate procedure

PPE Personnel protective equipment. TCLP Toxicity characteristic leachate procedure.

RACM Regulated asbestos containing material. VOCs Volatile organic compounds.

RA Resource Conservation and Recovery Act. SVOCs Semi-volatile organic compounds.

Due to waste matrix interference during the laboratory analyses, the acidic waste was solidification/landfill was the disposal option instead of waste water treatment.

Higher reporting limits from waste matrix interference during the laboratory analyses were considered in the incineration and landfilling disposal options for these PCB waste streams.

Higher reporting limits from waste matrix interference during the laboratory analyses were considered in the burning of this hazardous waste for energy recovery disposal option.

^{*} Results exceeding detection limits are classified as a liquid/aqueous state, results below detection limits are classified as a solid state.

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Table 5. Summary of Waste Stream Volumes and Disp	Number/Type of Shipping		Estimated		Date	Date	Date		Actual	Certificate
Waste Stream	Container(s)	Identification	Volume/Weight	Manifest Number	Generated	Shipped	Received	Disposal Facility /Method	Weight	Destructio
Non-Hazardous Waste										
(1) Acidic Liquid	Two 85 gallon overpack drums	WY-1014314000-004	110 G	000155044 VES	10/27/2008	11/14/2008	11/19/2008	VTS/Solidification/Landfill	917 LBS	11/19/2008
(1) Acidic Liquid	Two 14 gallon overpack drums	WV 1014014000 005	04 1 DC	000155044 VES	10/27/2008	11/14/2008	44/40/0000	VTS/Solidification/Landfill	04 D0	4.44.0/0.000
		WY-1014314000-005	94_LBS_				11/19/2008		94 LBS	11/19/2008
(2) Caustic white powder	One 85 gallon overpack drum	WY-1014314000-006	106 LBS	000155044 VES	10/27/2008	11/14/2008	11/19/2008	VTS/Landfill	106 LBS	11/19/2008
(2) Caustic white powder	One 14 gallon overpack drum	WY-1014314000-007	437 LBS	000155044 VES	10/27/2008	11/14/2008	11/19/2008	VTS/Landfill VTS/Landfill	437 LBS	11/19/2008
(3) Emulisified petroleum oil	Three 55-gallon metal drums	WY-1014314000-003	165 G	_000155044 VES_	10/27/2008	11/14/2008	11/19/2008	VTS/Energy Recovery	1,376 LBS	11/19/2008
(4) Callidourate (050 - 11-1-)		Roll-Off Box #1	20 CY	ZZ00095127	10/9/2008	10/9/2008	10/9/2008	EPL/Landfill	3.53 T	10/9/2008
(4) Solid waste (650 pallets)	Three 20-cubic yard roll-off boxes	Roll-Off Box #2	20 CY	ZZ00095128	10/13/2008	10/13/2008	10/13/2008	EPL/Landfill	3.53 T	10/13/2008
VENEZIE		Roll-Off Box #3	20_CY	ZZ00095129	10/14/2008	10/16/2008	10/16/2008	EPL/Landfill	3.53 T	10/16/2008
(5) Metal Fines	Nine 55-gallon metal drums	<u>NA</u>	7,200 LBS	ZZ00095130 _	10/8/2008	12/1/2008	12/4/2008	VTS/Landfill VTS/Landfill	7,200 LBS	12/4/2008
TSCA Waste					THE RES					
(6) PCB ACM: TSI ACM (6 cubic yard boxes)	6 lined cubic yard boxes	Individual Boxes	1,360 K	000155041 VES	9/26/2008	12/1/2008	12/9/2008	EQ/Landfill	1,360 K	12/9/2008
		Clean Harbors Tanker	18,346.5 K	000676691	9/4/2008	9/4/2008	9/5/2008	DP/Incineration	19 400 1/	
(7) PCB Oily Water: Sumps and tunnels (4,400-gallons)	One tanker truck	Truck #171	10,340.5 K		9/4/2006	9/4/2008	9/5/2008	— DP/Incineration	18,409 K	9/5/2008
(7) PCB Oily Water: sumps, non-water soluble oil, floors,		Triad Tanker Truck #105	15,604 K	000155040 VES	10/27/2008	10/31/2008	11/3/2008	PA/Incineration	13,925 K	
and trenches (3,750-gallons)	One tanker truck								13,925 K	11/6/2008
(7) DOD O'! W		Triad Tanker Truck #103	8,350 K	000155243 VES	11/19/2008	12/1/2008	12/3/2008	PA/Incineration	4,944 K	
(7) PCB Oily Water: Trenches (2,000-gallons)	One tanker truck								7,577 10	12/6/2008
(8) PCB Waste: Trench sweepings, floor sweepings,		Roll-Off Box #20-001	8,620 K	000155239 VES	9/30/2008	11/12/2008	11/13/2008	EQ/Landfill	9,480 K	11/13/2008
white powder, tank bottom sludge, miscellaneous debris	CTRAC CONTROLS IN HIS CASE SIZE AND SIZE	Roll-Off Box #20-005	8,620 K	000155241 VES	10/14/2008	11/12/2008	11/13/2008	EQ/Landfill	9,480 K	11/13/2008
intermingled with floor sweepings, empty drum/container	Five 20-cubic yard roll-off boxes	Roll-Off Box #20-007	7,250 K	000155047 VES	10/16/2008	11/14/2008	11/17/2008	EQ/Landfill	3,245 K	11/20/2008
skins		Roll-Off Box #20-008	7,250 K	000155046 VES	10/28/2008	11/14/2008	11/17/2008	EQ/Landfill	3,245 K	11/20/2008
		Roll-Off Box #20-005	18,000 K	000155250 VES	12/15/2008	12/16/2008	12/19/2008	EQ/Landfill	6,939 K	12/19/2008
Hazardous Waste										
(9) Water Soluble Oil, D010 (2,700-gallons)	One tanker truck	Veolia Tanker Truck	2 700 C	000155044 VCC	10/07/0000	10/15/0000	10/10/0000	LC/France Bassacci	00.040.1.00	10/17/0000
(0) Water Colubic Cit, D010 (2,700-galleris)			2,700 G	000155244 VES	10/27/2008	12/15/2008	12/16/2008	LS/Energy Recovery	22,240 LBS	12/17/2008
(10) Caustic Liquid, D002	One 14 gallon overpack drum	WY-1014314000-001	44 LBS	000155044 VES	10/27/2008	11/14/2008	11/19/2008	VTS/Waste Water Treatment	44 LDO	11/10/0000
(11) Combustible Liquid, D001	One 14 gallon overpack drum	WY-1014314000-001		000155044 VEC	10/07/0000	11/14/0000			44 LBS	11/19/2008
(11) Combastible Elding, Door	One 14 gailon overpack druin	<u> </u>	27 LBS	000155044 VES	10/27/2008	11/14/2008	11/19/2008	VTS/Energy Recovery	27 LBS	11/19/2008
TSCA\Hazardous Liquid Waste						A Per Emily				
_	One 35 gallon overpack drum	WY-1014314001-007	198 K	000155045 VES	10/27/2008	11/14/2008	11/24/2008	PA/Incineration	198 K	1/6/2009
_	One 35 gallon overpack drum	WY-1014314001-006	205 K	000155045 VES	10/27/2008	11/14/2008	11/24/2008	PA/Incineration	205 K	1/6/2009
(12) Caustic PCB Liquid, D002			6 K	000155045 VES	10/27/2008	11/14/2008	11/24/2008	PA/Incineration	6 K	12/18/2008
(12) Sadotto i Ob Elquid, DOS2	Four 14 gallon overpack drums	WY-1014314001-005	23 K	000155045 VES	10/27/2008	11/14/2008	11/24/2008	PA/Incineration	23 K	12/18/2008
	1 out 14 gallott overpack druitts	VV 1-1014314001-005	6 K	000155045 VES	10/27/2008	11/14/2008	11/24/2008	PA/Incineration	6 K	12/18/2008
			18 K	000155045 VES	10/27/2008	11/14/2008	11/24/2008	PA/Incineration	18 K	12/18/2008
			29 K	000155045 VES	10/27/2008	11/14/2008	11/24/2008	PA/Incineration	29 K	12/3/2008
(13) Caustic Combustible PCB Liquid, D001, D002	Three 14 gallon overpack drums	WY-1014314001-001	29 K	000155045 VES	Date - Da	11/14/2008	11/24/2008	PA/Incineration	29 K	12/3/2008
	•		26 K	000155045 VES			11/24/2008	PA/Incineration	26 K	12/3/2008
(14) Caustic Peroxide PCB Liquid, D001, D002	One 14 gallon overpack drum	WY-1014314001-002	20 K	000155045 VES	10/27/2008			PA/Incineration	20 K	2/13/2009
(15) Combustible PCB Solid, D001	One 14 gallon overpack drum	WY-1014314001-003	26 K	000155045 VES		11/14/2008	11/24/2008	PA/Incineration	26 K	12/3/2008
(16) Combustible Sulfide PCB Liquid, D001, D003	Two 14 gallon overpack drums		<u>8 K</u>	000155045 VES		11/14/2008	11/24/2008	PA/Incineration	<u>20 K</u>	12/3/2008
		WY-1014314001-004	- · · ·	200,000,10 4 00			, _ , , ,	i i vinion for autori	O IX	12/0/2000

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	Number/Type of Shipping		Estimated	ð'	Date	Date	Date		Actual	Certificate of
Waste Stream	Container(s)	Identification	Volume/Weight	Manifest Number	Generated	Shipped	Received	Disposal Facility /Method	Weight	Destruction
Regulated Abestos Containing Material (RACM)										
(17) Friable ACM (from trimming department)	One 40-cubic yard roll-off box	Roll-Off Box #4	19 CY	WSR GRL072220	10/8/2008	10/8/2008	10/8/2008	EPL/Landfill	4.49 T	10/8/2008

ACM Asbestos containing material. DP Clean Harbors Deer Park Disposal Facility, Texas EQ Environmental Quality, Wayne Disposal Landfill, Michigan. Veolia Emerald Park Landfill, Wisconsin. **EPL** G Gallons. Veolia Glacier Ridge Landfill, Wisconsin. GRL K Kilograms. Lonestar Disposal Facility, Greencastle, Indiana. LS LBS Pounds. NA Not applicable.

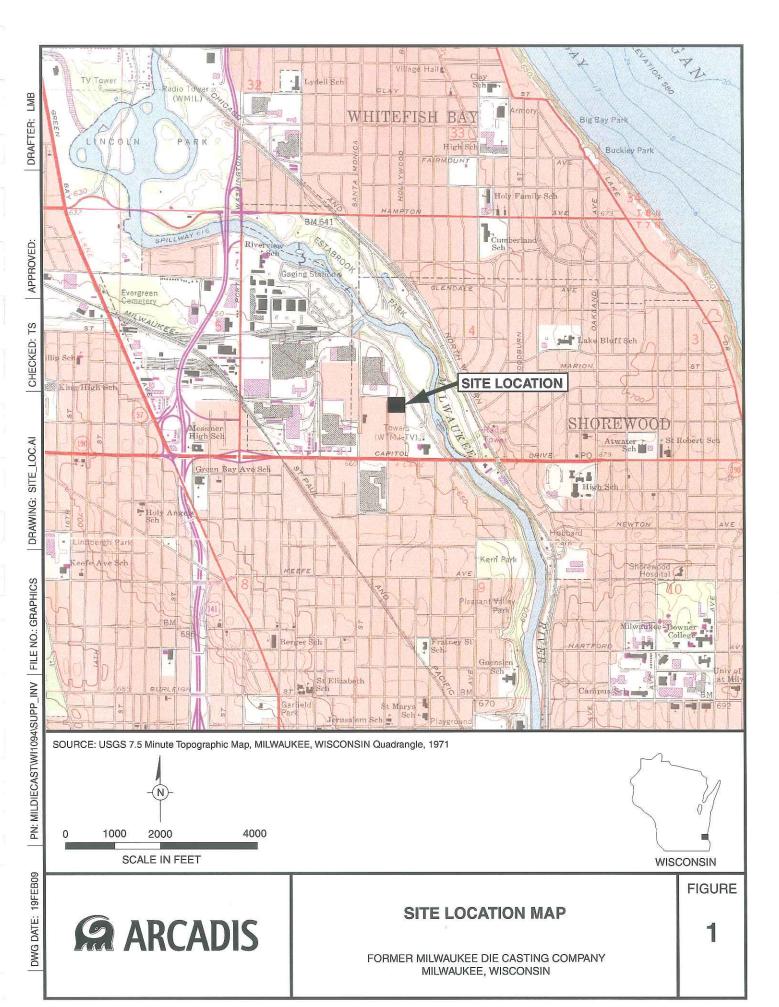
Veolia Port Arthur Disposal Facility, Texas.

Veolia Technical Solutions, Menomonee Falls, Wisconsin.

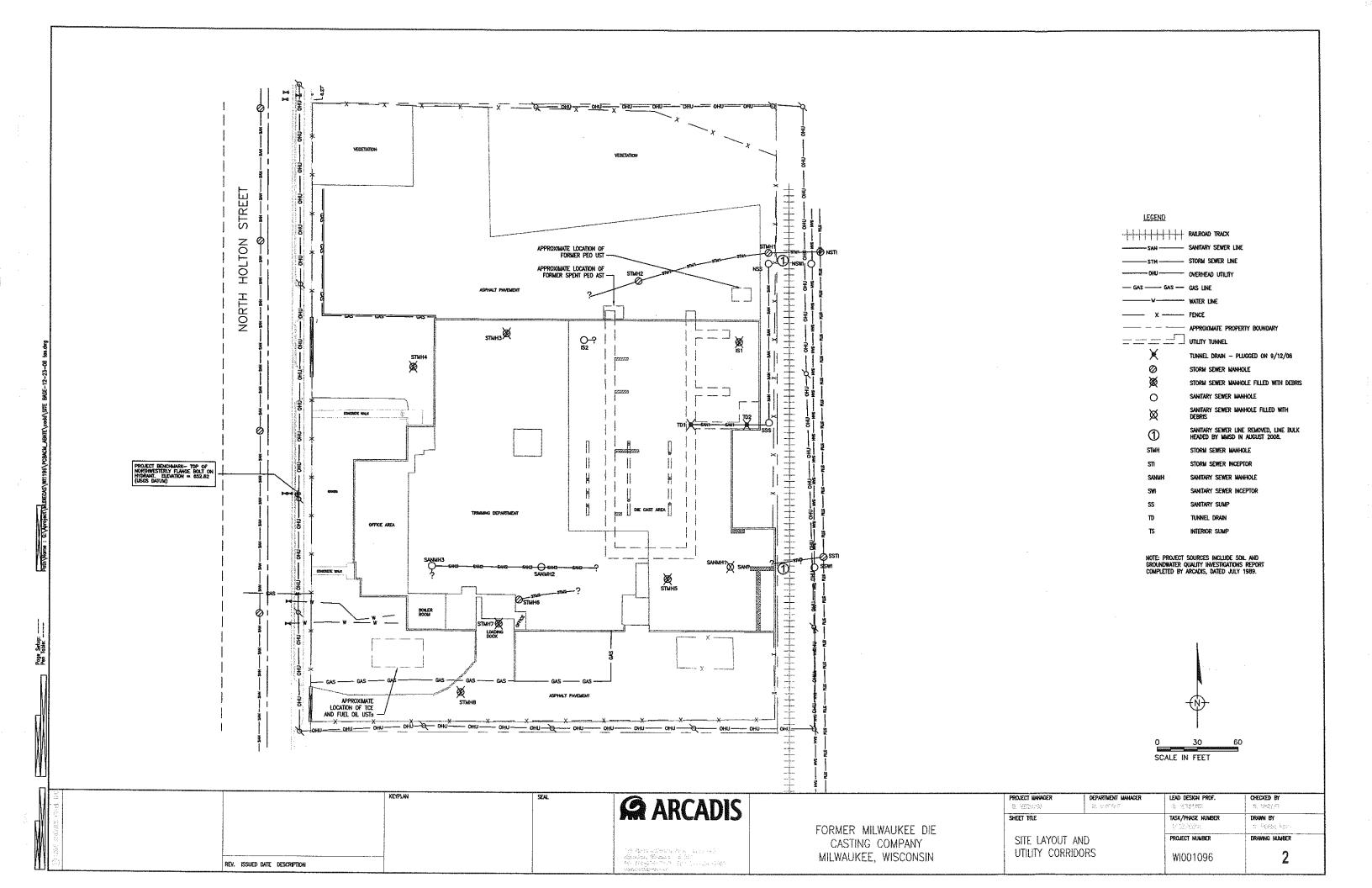
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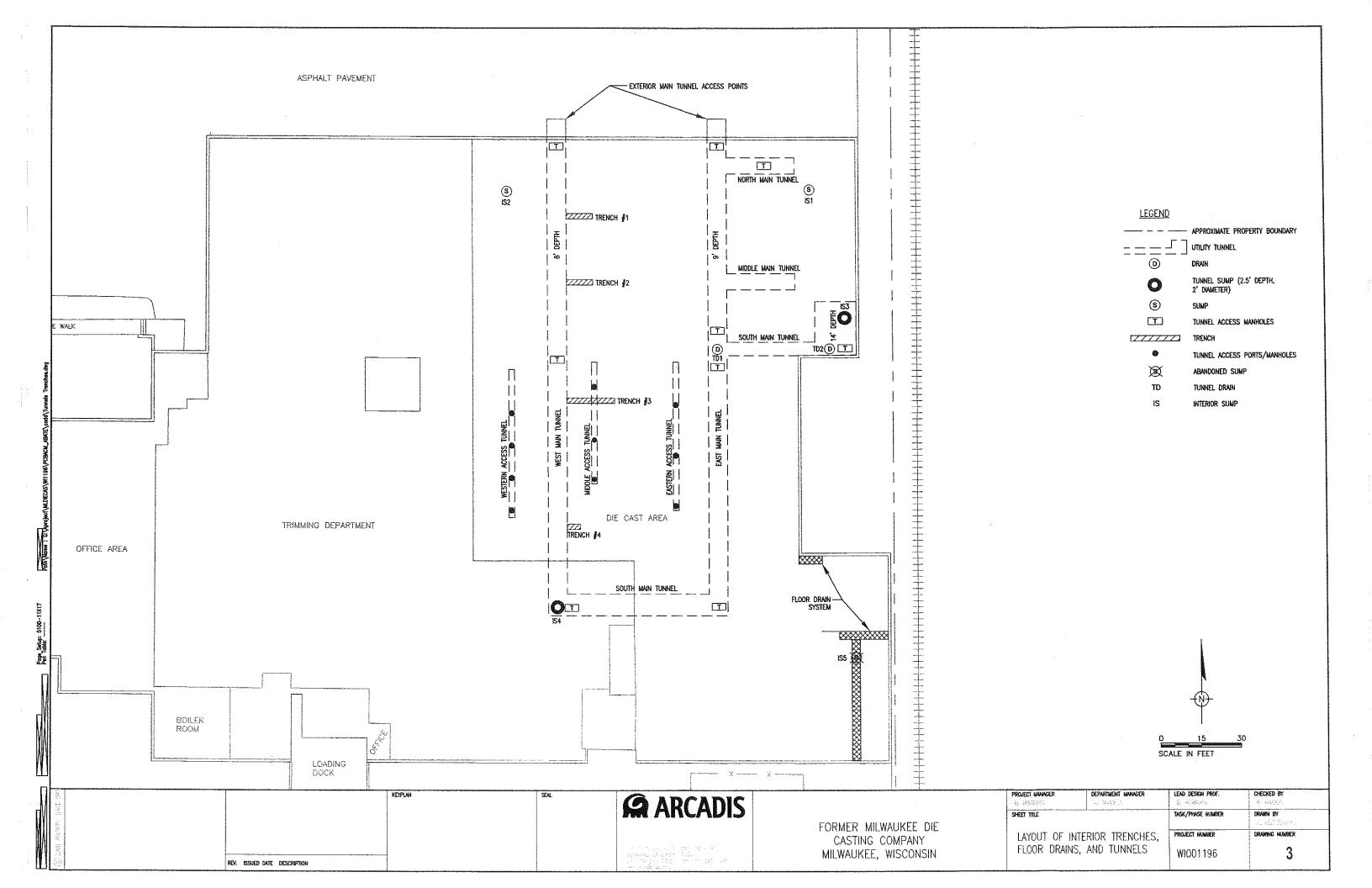




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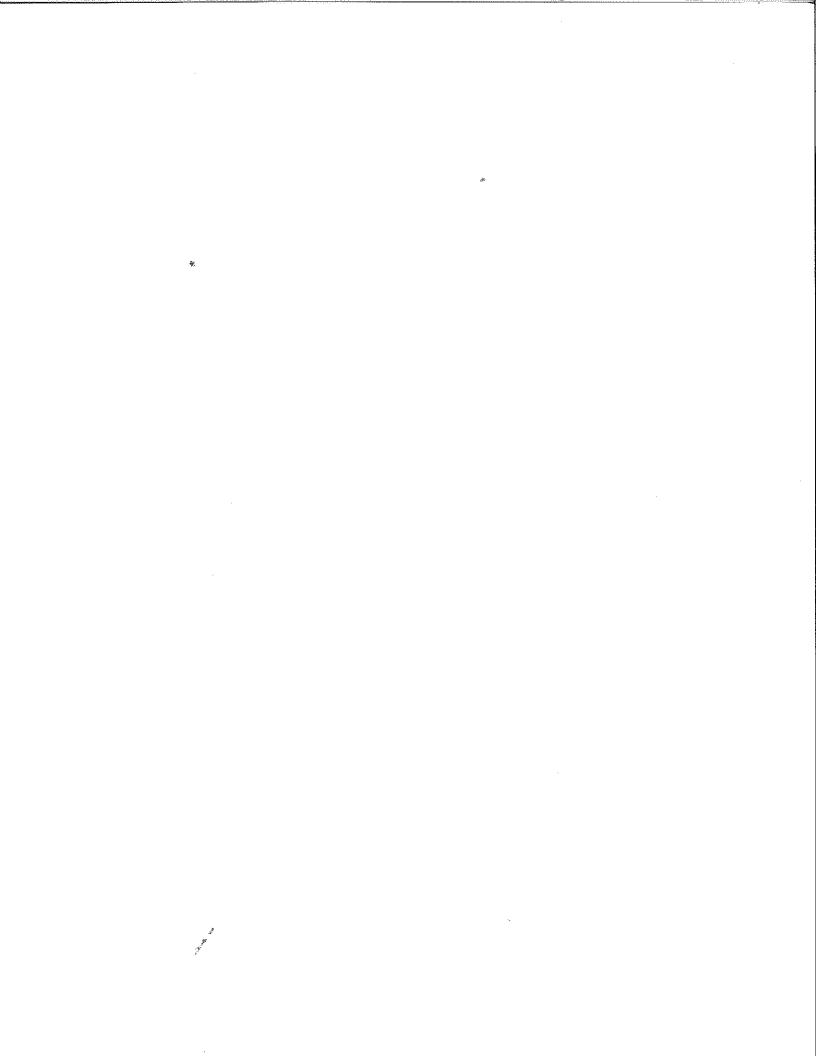


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Appendix A

Regulatory Correspondences

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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Matthew J. Frank, Secretary Gloria L. McCutcheon, Regional Director Southeast Region Headquarters 2300 N. Dr. Martin Luther King, Jr. Drive Milwaukee, Wisconsin 53212-0436 Telephone 414-263-8500 FAX 414-263-8716 TTY 414-263-8713

August 19, 2008

Ms. Theresa Slyman nonresponsive File Ref: FID#241228240 BRRTS# 02-41-000023

Subject:

Immediate and Remedial Environmental Response Actions Required for Property at 4132 N. Holton Street, Milwaukee, Wisconsin Formerly referred to as Milwaukee Die Casting Property

Dear Ms. Slyman:

The purpose of this letter is to inform you of your legal responsibility under Wisconsin Statute 292.11, as property owner, to take actions to address the hazardous substance discharges, both historical and on-going, at the 4132 N. Holton Street property, in Milwaukee, Wisconsin.

On July 11, 2008, you were ordered by the Milwaukee Metropolitan Sewerage District (MMSD) to cut off all sanitary sewer lateral connections to the MMSD main sanitary sewer adjacent to your property at 4132 N. Holton Street in Milwaukee, Wisconsin. The Department of Natural Resources was notified of this enforcement action, and has been informed of the response actions taken to address the MMSD order.

On August 9, 2008, the Department was notified by MMSD that additional response actions were being required. A site inspection was made on August 11, 2008 by Department representatives, to observe site conditions after the initial response actions had been taken. There is a concrete lined pit or sump structure located outside the east wall of the building on the property, which had been observed by MMSD officials to contain oily liquid. Samples of the oily liquid were collected by MMSD, and analytical results found PCBs at over 18,000 parts per million in this liquid. The original MMSD order included emptying out this sump. Your contractor, Environmental Audits, had pumped the sump contents to within about 6 inches of the base (a 15-feet deep structure), and reports to have disposed of five 55-gallon drums of liquid and two 55-gallon drums of debris and decontamination waste from this removal action, all as PCB containing waste. During the August 11, 2008 site visit, the liquid level within the exterior sump was observed to have risen to within 6 feet of the surface, and the liquid appeared to have a dark oil layer floating on top, similar to previous conditions found by your contractor and MMSD. Observation made within the building on August 11, 2008, included the presence of oily liquid in sub-floor structures. The amount of liquid present is not known, nor is the connection of sub-floor structures to drains and the exterior sump known. Analytical results of liquid samples collected by your contractor from sub-floor structures found PCBs at levels exceeding 1000 parts per million.

On August 18, 2008, your contractor reported that a second sump had been discovered outside the building, north of the known exterior sump. According to your contractor, the second sump also contains oily liquid. The connections to and from this second sump are not known.

The liquid in the two exterior sumps presents a potential on-going discharge to the environment, due to the presence of PCBs. The source of the additional liquid that has entered the original exterior sump is not known, but appears to be coming from beneath the building. Thus the oily liquids present in sub-floor structures also present a potential on-going discharge to the environment. The identification of a second sump with liquid of



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similar appearance magnifies the need to complete a removal of oily liquids from the property as soon as possible to prevent environmental releases and limit the overall cost response actions.

Previous soil and groundwater samples collected by your former environmental consultants found PCBs and chlorinated solvents in soil and groundwater at the property. Although Milwaukee Die Casting was ordered to complete a remedial action in response to the identified conditions, actions were not completed.

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

-two sumps

- 1. Within 10 days of the date of this letter, you must take action to stop discharges to the exterior sumps, and prevent any overflows of the sumps. This should include:
 - a. Remove all liquids and sludge from the sumps and connected outflow and inflow piping, accessible by pumping.
 - b. Block inflow piping, to prevent the entrance of additional liquid or other hazardous substances to the sumps from beneath the building.
 - c. Properly dispose of all liquids and sludge removed, and all decontamination waste, in accordance with state and federal regulations.
- 2. Within 30 days of the date of this letter, you must take action to prevent further discharges to the environment from the sub-floor structures under your building.
 - a. Remove accessible liquid and sludge from sub-floor structures.
 - b. Evaluate and sample other sub-floor structures and storm sewers, which could act as sources or conduits for continuing releases to the environment.
 - c. Arrange for decontamination or removal of all sub-floor structures and storm sewers that are identified in the evaluation as sources or conduits for continuing releases to the environment. This includes the exterior sumps.
 - d. Properly dispose of all liquid, sludge, decontamination waste and asbestos containing materials in accordance with state and federal regulations.
- 3. Within 60 days of the date of this letter, you must take additional actions to prevent further discharges to the environment from sub-floor structures and/or storm sewers, as identified in the evaluation required above. This may include but is not limited to additional liquid or sludge removal and disposal, disconnection of storm sewers or replacement of storm sewers, evaluation and removal of drum and onfloor tank contents.



- 4. Provide the Department with documentation of the required response actions and proper management and disposal of wastes removed, including sample results, transportation manifests and disposal receipts and approvals, photographs and reports signed by authorized environmental professionals, as follows:
 - a. Provide advance notification of the timeframe for actions to be taken.
 - b. Provide analytical results for samples collected from the site within 48 hours of receipt by you or your consultant.
 - c. Provide all documentation requested above within 90 days of completion of the immediate response actions required above.
 - d. Provide documentation that you have hired an environmental consultant to complete the soil and groundwater remedial actions that are needed at the property within 90 days of completion of the immediate response actions required above.

Your contractor, Environmental Audits, has provided status updates to the Department on the progress of your actions to stop the on-going discharges. We are, therefore, informed that you are working to contract for the removal of liquids from the property. We appreciate being kept informed and will make site visits to document your progress. Please be aware that under s. 292.11 and s. 292.31, Stats., the Department may undertake environmental response actions where responsible parties are unwilling or unable to perform them. The Department is also authorized to seek reimbursement from responsible parties for costs incurred by the Department to conduct environmental response actions.

The Department was informed that you have been ordered by the City of Milwaukee to sever all connections to the storm sewer system from your building. Work required by this letter is consistent with the City's order. Actions and time frames specified by this letter do not remove any actions or time frames already required by other governmental units. Please notify the Department if for any reason you require more time, or are unable to perform the actions required by this letter.

You are required to follow all State and Federal laws regarding removal and disposal of asbestos containing materials from the property during your response actions. Care should be taken to prevent worker and public exposure to asbestos, and to prevent the spread of asbestos within and beyond the building. Any questions you or your contractors have regarding state asbestos regulations may be directed to Mark Davis, DNR Air Management, Southeast Region, (414) 263-8674.

All correspondence regarding this site should be mailed to:

Victoria Stovall, Environmental Program Associate Remediation and Redevelopment Program Wisconsin Department of Natural Resources 2300 North Martin Luther King Drive Milwaukee, WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

If you want a formal response from the Department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation to maintain your compliance with the spills law and chs. NR 700 through NR 749. Do not delay the investigation of your site by waiting for a Department response. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

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Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the Department's Internet site. You may view the information related to your site at any time (http://www.dnr.state.wi.us/org/aw/rr/brrts) and use the feedback system to alert us to any errors in the data.

Please call me at (414) 263-8758 for more information about the RR Program or visit the RR web site. http://www.dnr.state.wi.us/org/aw/rr. You may also contact me for all other questions regarding this letter,

Thank you for your cooperation.

Sincerely,

Pamela A. Mylotta, Hydrogeologist Remediation & Redevelopment Program Southeast Region, Milwaukee Service Center

C: George Slyman – nonresponsive

John Ruetz – Environmental Audits
Foster Finco – City of Milwaukee Neighborhood Services
Peter Potczewski – Milwaukee Metropolitan Sewerage District
Bradley Grams – U.S. Environmental Protection Agency Region 5

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Appendix B

Waste Stream Profile and Manifest Documentation

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/19438 print or type. (Form designed for use on elite (12-pitch) typewriter) Form Approved, OM5 No. 2050-0039 UNIFORM HAZARDOUS | Generalor ID Number 2. Page 1 of 5. Emergency Response Phone 4. Manifest Tracking Number ... 400 Enpastial WASTE MANIFEST. 99995863 SKS Senerator's Nanie and Mailing Address Generator's Site Address (if different theor matting address) BILWOEVER WILL CARRY HILMAUKŠE W1 53212 Generator's Phona. 115-491-4262 5. Transporter (Company Name TAPE TYPE STATES STATES STA U.S. EPA ID Number MIDSALOSTIAS Transporter 2 Company Neme U.S_{j.} EPA iD Number LAPATE - KLIEF SYTTHES TX8900050430 5. Designated Facility Name and Site Address U.S EPA ID Number CLEAN HARRORD DEER PARK. 2027 BAXTLEGROUND ROAD SEE MED, 188 LA POPTE **\$5.00** 181-930-2300 130055141178 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hezard Class, ID Number, 9a. 10. Containers 11. Total 12. Unit anti Packing Group (if any)) HM 13: Waste Codes No Type Quantity Wt_Vol. 1 NO POLYCHLORIWATED BIPHRMYLI, LIQUID 9 JAN1315 FETT O. GENERATOR 127 rcad Office jęsj ASO. Express Silvers A pad posta front **企**论到 Blo MY 14. Special Handling Instructions and Additional Information SE TECRALOST76292 0003264734 11/18/2000 per of severe SUBSEQUENT CARRIERS: 41078 41471 31661 62739 85399 45. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the paper shipping name, and are classified, peckaged, marked and labeled/placarded, and are in all respects in proper cardiffice for transport according to applicable international and national governmental regulations. If expert shipment and I are the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Admowledgment of Consent. I certify that the waste infimitization statement identified in 40 CFR 252.27(a) (if I cm a large quantity generator) or (b) (if, am a small quantity generator) is true. General of 5/Offeror's Printed Typed Name to International Shipments Month Day Year Z . Infront to LLS ...J Expart from U.S. Port of entrylexis Transporter Egnature (for exports only): Date leaving U.S. 17. Transporter Adanowledgment of Receipt of Materials Transporter 1 Printed/Typed Name ANSPOR Slonature Scott Studencen Year Fransporter 2 Printed/Typed Name Year Ľ 18 Discrepancy 18a. Discrepancy Indication Space Type L___ Quantity Residue - i Partial Rejection, 🗐 Full Rejection Manifest Reference Number 18th Alignmane Facility for Generators SAFIFY-KLETH SYSTEM (PK) U.S. EPAID Number 144077603371 TH COMPLET CREES HE! DESTROY TH PERCEN Éscilly's Prices: 🐎 🐫 🥎 👵 🚗 🚶 🏋 🤾 18c. Signature of Alternate Facility (or Generator) Monin Day DESIGNA 19. Hazardous Waste Report Management Method Clodes (i.e., codes for hazardous waste treatment, disposal, and recycling systems). 20. Designated Facility Owner or Operator: Contilication of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printea/Typed Narfie Signature Month A Form 8700-22 (Rev. 3-05) Pravious editions are obsolete DESIGNATED FACILITY TO GENERATOR STATE (IF REQUIRED)

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WASTESTREAM INFORMATION PROFILE

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Rece	ertification					
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Address	4132 N HOLTON			State Was	testream No	
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naics (s	SIC) Code 3363 331521	Source G19	Origin <u>1</u>	Form W519	System Type	
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	iter Non Wastewater X	Sub Category				Mix: N Sol: N
6. Physica	al and chemical properties:					
PΗ	Specific Gra	vity . Flash Poi	nt(F)	Solids		
a < 2	a <.8	a < 80		0 - 20% susp	ended 0	- <u>0</u> % ash
b 2 -	5 b8 - 1.0	b 80 -	100	0 - 20% sett	leable 0	0 % water solubility
c 5 -	9 c 1.0	c 100 -	140	0 - 20% diss		0 BTU/lb
d 9 -	12.5 d 1.0 - 1.2	d 140 -	200		• •	•
e > 12	e > 1.2	e <u>X</u> > 200	ı	Fr	ee Liquid 80	-100 %
3.0- 7.	<u>0 exact</u>	ct f no fl	ash	exact	AOG 0	- 0 %
Phys	ical State	Hazardous Charac	teristics		•••	Odor
s X soli		reactive r		NRC recolated	a none	
n semi			shock sensitive	_	b mild	
l X liqu:			temp sensitive		c strong	
			polymerization/	monomer		
	able powder e expl				describe	
			OSHA carcinogen			
g gas			infectious			logens
aeros			inhalation haza		3r <u>0 - 0</u> %	
•	surized liquid	Zon	e:	*	**	Chlorine
	is per 40 CFR 268.45			F		Fluorine
ı sharp				1	_00 %	Iodine
I brutba	able liquid				٠	
ayers:	a multilayered:	b <u>X</u> bi-layered:		c sing	(le phase	j
	Top Layer	Second La			tom Inter	l dalau
		high(sy			tom Layer	Color
by	migh(syrup) medium(oil)	medium (high(syrup)	[<u>VAR</u>
Layer:					medium(oil)	<u></u>
naler:	· —	low(wate			low(water)	
I	solid	X solid		l :	solid	1

page 1

veolia EE rachnical solutions 5.5.0,

HASTESTREAM INFORMATION PROFILE

Chemical Composition [Madarine Pollutant, Sasevare Mazine Pollutant, Oscope Der UseUnderlying Hazardous Constituent, Rasenzane NESHAP, Tatel Constituents [Water] [Water] [BUST, DIRT, SCALE	I Chemical, C=OSHA Carrinogo Ranigas	on] Onita
Constituents Water RUST, DIRT, Scale	Ranges	
L RUST, DIRT, SCALE	and the second s	17117 (-#
I RUST, DIRT, SCALE		
	86.00	100.00
	00	
ither:		20.90
. Is the wastestream being imported into the usay	Van St. v.	
. Does the wastestream contain PCBs regulated by 40CFR?	Yes No X	
PCB Concentration .00 ppm	and the second	
3. Is the Wastesticam subject to the Marine Pollutant Regulations?	You You Y	
1). Is the wasterfremm from an industry regulated under Henzene MESHAP?	Yes No X	·
II yes:	Yes No <u>x</u>	
In the washestream subject to Notification/Control Requirements?	-E	
Senzene Concentration	Yes No X	
Does it contain >= 10% water?	00 ppm	
What is the The at your facility?	Yes KoX_	
2. Is the wastestream subject to ECNA subpart CV controls?	<u>.00</u> Mg/Yz	
Volatile Organic Concentration	Yes No_X	
CC Approved Analytical Method?		
Generator Knowledge?	Kes Wo X	
	Yes _ No_X	
3. Is the westestream from a CERCIA or state mandated cleanup?	You No_X	
Type/Size: bipping Frequency; Units 2:00 Per Day Per Neek Per Month Per Units DESCRIPTION:	r Gtr Fer Year On	e Time X
5. Additional Information :		***************************************
general straight and the second straight and the secon		
		all according to the second
The A Marian and an analysis of the analysis o	The state of the s	
		And the second s
SPERATOR CERTIFICATION hereby certify that all information submitted in this and all attached document mate. Any submit submitted is removable to a left.	And the second s	

If approved for management, Veolis BS has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

	·					Disposal Code
Recertificati	ion	•				
	Veolia ES Location	MENOMONEE I	FALLS FACILITY	MENOMONEE FALI	S WI	552 476
- Invoice Addre		PIBNOPIONES I	OFFICE	CITY	ST	332 1 470
Invoice Addre	- B B		011101	0111	5+	
Veolia ES TSDF requ	restedTechnology	requested _	Generator 1	No. <u>427951</u> Gener	rator EPA ID No.	WID006102305
1. Generator Name M	MILWAUKEE DIE CASTING				State No.	
Address 4132 N F	HOLTON				e Wastestream No	
City MILWAUKEE				Country US		
NAICS(SIC) Code	3363 331521		Source G19 Or:	igin 1 Form W31	9 System Type	
2 Wagte Name Callet	ric white powder/non-rs	:		T.a	ib or Waste Area	*****
3. Process Generati	•	,0,1		20		
	INUM DIE CASTING OPERAT	TON				
	NOTEGULATED MATERIAL,		NON-DO	, ,		
	WE UN/NA NO. NONE PG		HON-BO		Waste: N PIH: N IF	
RQ Des: 1.				2,		
DOT Des: 1.CAUSTIC				2.		
5. Waste Codes NONE	•			2.		
	Non Wastewater X	Sub Catego				Miv. N. Col. N
Madcewatez		_ 500 020090				
6. Physical and che	mical properties:					
Hq	Specific Grav	rity	Flash Point(F)	Solids		
a < 2	a <.8	-	a < 80	100 - 100%	suspended 0	- 0 % ash
b 2 - 5	b 8 - 1.0		b 80 - 100			0 % water solubility
c 5 - 9	c 1.0		c 100 - 140	100 - 100%	dissolved 0 -	
d 9 - 12.5	d 1.0 - 1.2		d 140 - 200			
e > 12.5	e > 1.2		e <u>X</u> > 200		Free Liquid 0	- 0 %
8.0- 11.0 exact			f no flash	- exact	voc o	
Physical Stat	e	Haza	rdous Characteristi	св		Odor
s X solid	a air r	eactive	r radioa	ctive or NRC regulate	d a none	
m semi-solid	w water	reactive	s shock	sensitive	b mild	
l liquid	c cyani	de reactive	t temp s	ensitive	c strong	·
p pumpable semi	-solid f sulfi	de reactive	m polyme	rization/monomer	describe	· .
f flowable powd	ler eexplo	sive	nOSHA o	arcinogen		
g gas	o oxidi	zing acid	i infect	ious		Halogens
aaerosol	p perox		h inhala		Br <u>0</u> - 0	% Bromine
r pressurized 1	iquid		Zone:			% Chlorine
d debris per 40	CFR 268.45				F 0 - 0	% Fluorine
h sharps						% Iodine
q pumpable liqu	id					
Layers: a	multilayered:	ъ	bi-layered:	e	X single phase	1
	Top Layer	L_	Second Layer		Bottom Layer	Color
Viscosity	high(syrup)		high(syrup)	ı	high(syrup)	WHT
by	medium(oil)	i	medium(oil)		medium(oil)	
Layer:	low(water)		low(water)		low(water)	' <u>—</u>
	X solid	1	solid	i I	solid	·
I	T BOTTO	1	00TTG	t	aorru	i

vacita Es Technical Solutions L. C.

WASTESTREAM INFORMATION PROFILE

EMERITOR CERTIFICATION (hereby certify that all information submitted in this and all artached documents contains true and accurate descriptions of the pance. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relections regarding known or suspected hazards in the possession of the generator has been disclosed. I suthbrize sampling o	hemical composition [M-Marine Pollutant, S-Severe Marine Pollutant, O-Oxor	ne Daplating S	, some Jadu			
TROUBANTE SOLT NOW HARREDOMS) 1 59.30 100.00 1 There: 10 the wastestreem being imposeed into the 18A7 Count the wastestreem centain PCBs regulated by 40CPR? PCB Concentration _ 105 pph 1 50 the wastestreem indiget to the Nazime Pollutant Regulations? 10 the wastestreem from an industry regulated under Monzeno MRSHAPP 11 the wastestreem from an industry regulated under Monzeno MRSHAPP 12 the wastestreem subject to Notification/Control Requirements? 13 the wastestreem subject to Notification/Control Requirements? 14	U=Underlying Hazardous Constituent, Boseozene MESHAP,	T=TRI Chemica	1. С≃ОЅНА	Carcinoge	n3	
The the wattestream being imported into the UEAT Yes No. X Does the wattestream contain NSB regulated by 40CRT PCE Concentration	Constituents		Rang	gé.a	Unita	
The the wattestream being imported into the UEAT Yes No. X Does the wattestream contain NSB regulated by 40CRT PCE Concentration	The state of the s	·	· · · · · · · · · · · · · · · · · · ·			
To the wattestream being imported into the USA? Does the vastestream contain FCEs registed by 40CFR? POE Concentration	INORGANIC SALT (NON-HAZARIXUS)	landani tha tila ar-ma re-matricera a area ar-matricera ar-		99.90	100.00	* L
Does the vastestream contain Sche regulated by 400F8? FOR Concentration	hex					
FOE Concentration	Is the wastestream being imported into the USAT	Ϋ́	es No_	£		
Is the wastestream subject to the Narine Follutant Regulations? Is the wastestream from so initiatry regulated under Senzeme MESHAP? If yes. Is the wastestream subject to Notification/Control Requirements? Hebrene Concentration Does it contains = 16% water? What in the TAB at your facility? Is the wastestream subject to KCRN subpart CC controls? Volatile Organic Concentration CC Approved Analytical Method? CC Approved Analytical Method? CC Approved Analytical Method? CO Approved Analytical Method? CONTAINER TARGEMENTOR: CONTAINER TARGEMENTOR: CONTAINER TARGEMENTOR: SELAZ Type/Size: DF SS GAL OPEN MEAD PLASTIC DRUM implies Frequency: Units 1.00 Per Day Per Week Por Month Per Out Per Year One Time X CONTAINER INSCRIPTION: Additional Information: MERAFOR CRETTPEARTOR: MERAFOR A SLYMAN 330-2432404 10/29/08 None(Print or Type) Phone Date	Does the wastestream contain PCBs regulated by 40CFR?	Y.	es No	<u>K</u>		
Is the wastestream subject to the Nairine Follutait Regulations? Is the wastestream from an initiatry regulated under Benzema NRSHAP? If yes. If yes. If the wastestream subject to Notification/Control Requirements? Referenc Concentration Does it contains = 10% water? What in the TAB or your facility? Is the wastestream subject to RCRA subport Of controls? Wolstile Organize Concentration CC Approved Analytical Method? Gourgenicor Monowledge? Container Information Container Information Container Information SINK Type/Size: Dr SS GAL OPEN MEAD PLAYITE DRUM Implies Prequency: Units 1.00 Per Day Per Week Per Houth Per Our Per Year One time X CON URBYS DESCRIPTION: Additional Information 1. Additional Information submitted in this and all attached documents contains true and accurate descriptions of the mance. Any namely submitted in this and all attached documents contains true and accurate descriptions of the mance. Any namely submitted in this and all attached documents contains true and accurate descriptions of the mance. Any namely submitted in this and all attached documents contains true and accurate descriptions of the mance. Any namely submitted in this and all attached documents contains true and accurate descriptions of the mance. Any namely submitted in the possession of the generator has been disclosed. I suthbrise mampling only waste shipmant for purposes of recertification. THERESA A. SLYMAN 330-2432404 10/29/08	PCB Concentration			_		
If the wastestream from so industry regulated under Senzené NRSHAP? If yes: If yes: If yes: If the wastestream subject to Notification/Control Requirements? If the wastestream subject to Rock subpart CC controls? If the wastestream subject to Rock subpart CC controls? Vointile Organic Consentration CC Approved Analytical Rethod? Guerrator Knowledge? It the wastestream from a CERCIA or state Mandated clearms? CC Approved Analytical Rethod? If yes No. X Guerrator Knowledge? It the wastestream from a CERCIA or state Mandated clearms? CC No. X No. X			es No	κ.		
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Tes the wastestream subject to RCRA subpart Cf controls? Volatile Organic Concentration Cf Approved Analytical Method? Guerator Knowledge? Is the wastestream from a CRCLA or state mandated clearup? Container Information Container Information Silaz Type/Size: DF SS GAL OPEN HEAD PLEATIC DRUM Silaz Type/Size: DF SS GAL OPEN HEAD PLEATIC DRUM Silaz Type/Size: DF SS GAL OPEN HEAD PLEATIC DRUM Silaz Type/Size: DF SS GAL OPEN HEAD PLEATIC DRUM SINGATOR CRETTPICATION Additional Information MERRATOR CRETTPICATION hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the case. Any analyse submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevants on regarding known or suspected hazards in the powerselon of the generator has been disclosed. I suthprize sampling on my waste shipment for purposes of recertification. THERESA A. SLYMAN 330-24434404 Name(Frint or Type) Phone Date		*		¬ .		
Volatile Organic Concentration 100 popes CC Approved Analytical Method? 126 No.X Generator Knowledge? 126 No.X Generator Knowledge? 126 No.X Lis the wasteduresm from a CERCLA or state mandated clearup? 126 No.X Container Information 126 No.X Type/Size: DM 55 GAL OPEN HEAD (17H) LM SSINZ Type/Size: DM 55 GAL OPEN HEAD PLEATIC DRUM DAMPS DESCRIPTION: 126 No.X CONTAINER TO CHETTER CATTON 126 No.X CONTAINER TO CHETTER 126 NO.X CONTAINER TO CHETTER TO CHETTER TO CHETTER 126 NO.X CONTAINER TO CHETTER TO CHETTER TO CHETTER 126 NO.X CONTAINER TO CHETTER TO CHETTER TO CHETTER 126 NO.X CONTAINER TO CHETTER TO CHETTER TO CHETTER 126 NO.X CONTAINER TO CHETTER TO CHETTER TO CHETTER 126 NO.X CONTAINER TO CHETTER TO CHETTER 126 NO.X CONTAINER 126 NO.X CONTAINER TO CHETTER 126 NO.X CONTAINER 126 NO.X CONTAINER 126 NO.X CONTAINER 126 NO.X						
GC Approved Analytical Method? Generator Knowledge? Is the wasteourem from a CERCIA or state mandated clearmp? Container Information Container Information Container Information SSINZ Type/Size: DM SS GAL OPEN MEAU (17M) DM SSINZ Type/Size: DF SS GAL OPEN MEAU (17M) DM SSINZ Type/Size: DF SS GAL OPEN MEAU PROVED SIPPING Frequency: Units 1.00 Per Day Per Week Per Month Per Our Per Year One time X COM DADMS DESCRIPTION: Additional Information : Additional Information submitted in this and all attached documents contains true and accurate descriptions of the sace. Any sample submitted in tepresentative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relemboration regarding known or suspected hazards in the possession of the generator has been disclosed. I sutherize sampling only waste shipmant for purposes of recertification. THERESA A. SLYMAN 330-24434404 10/24/08 Nams(Print or Type) Phone Date	the first term of the control of the	, X				*,
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Additional Information: MERENTOR CERTIFICATION hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the mace. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relemberation regarding known or suspected hazards in the possession of the generator has been disclosed. I suthbrise sampling of any waste shipment for purposes of recertification. THERESA A. SLYMAN 330-2432404 10/29/08 Name (Frint or Type) Phone Date		A CONTRACTOR OF THE PROPERTY O	Per Ye	ar_ or	e Time X	
THERESA A. SLYMAN 330-2432404 Name (Print or Type) Phone Phone Date Phone Date		Take great and				
THERESA A. SLYMAN 330-2432404 Name (Print or Type) Phone Phone Date Phone Date		Total Month of				
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THERESA A. SLYMAN 330-2412404 10/29/08 Name (Print or Type) Phone Date	OOM UNDESCRIPTION: Additional Information : MERCATOR CHRIFTEGATION hereby certify that all information submitted in this and all artsched d	ocuments conta	ine true	and accurr	ite descrip	rtions of the
THERESA A. SLYMAN 330-2432404 10/29/08 Namo (Print or Type) Phone Date Theresa Q. Slyman Land owner	OOM UNDESCRIPTION: Additional Information : DESCRIPTION: DESCRIPTION:	ocuments conta	y using a	n equivale	mt method.	All rele
THERESA A. SLYMAN 330-2432404 10/29/08 Name (Print or Type) Phone Date Theresa G. Slyman Land owner	NOM UNING DESCRIPTION: Additional Information : BERRATOR CERTIFICATION hereby certify that all information submitted in this and all arrached deace. Any sample submitted is representative as defined in 40 CFR 261 - A nformation regarding known or suspected hazards in the possession of the	ocuments conta	y using a	n equivale	mt method.	All rele
Name (Print or Type) Phone Date Theresa G. Slyman Land owner	Additional Information : MEREATOR CERTIFICATION hereby certify that all information submitted in this and all artached decree. Any sample submitted is representative as defined in 40 CFR 261 - A information regarding known or suspected hazards in the possession of the	ocuments conta ppendix I or 1 generator has	y using a been disc	n equivale los c á. I	mt method.	All rele
Theresa Q. Slymon Land owner	Additional Information : MEREATOR CERTIFICATION hereby certify that all information submitted in this and all artached decree. Any sample submitted is representative as defined in 40 CFR 261 - A information regarding known or suspected hazards in the possession of the	ocuments conta ppendix I or 1 generator has	y using a been disc	n equivale los c á. I	mt method.	All rele
Theresa G. Hyman Landowner	DESCRIPTION: Additional Information : DESCRIPTION: DESC	ocuments conta ppendix I or 1 generator has	y using a been disc	n equivale los c á. I	mt method.	All rele
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If approved for management, Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

			,	Disposal Code
Veolia ES Location MENOMONE Invoice Address	OFFICE	MENOMONEE FALLS CITY *	ST	<u>552 476 </u>
Veolia ES TSDF requestedTechnology requested 1. Generator Name MILWAUKEE DIE CASTING Address 4132 N HOLTON City MILWAUKEE NAICS(SIC) Code 3363 331521 2. Waste Name DIE SLICK 914 (EMULSIFIED OIL) 3. Process Generating Waste unused/off-spec product 4. Shipping Name NON-REGULATED MATERIAL. NON-RCRA. Hazard Class NONE UN/NA No. NONE PG RQ Des: 1. DOT Des: 1.DIE SLICK 914/EMULSIFIED PETROLEUM OIL 5. Waste Codes NONE	State <u>WI</u> C Source <u>G11</u>	Generator Generator State State Was Country US Form W206 Lab or amt 0 1b Waste:	EPA ID No. W. No. testream No. ZIP 53212 System Type Waste Area N PIH: N IH:	<u>N</u> DWW: <u>N</u> P: <u>N</u>
Wastewater Non Wastewater X Sub Cate 6. Physical and chemical properties: Specific Gravity a < 2	Flash Point(F) a < 80 b 80 - 100 c 100 - 140 d 140 - 200 e _X > 200	Solids 0 - 0% suspe 0 - 0% sett 0 - 0% disse	ended <u>0</u> -	0 % ash 0 % water solubili 1000 BTU/lb
s solid a air reactive m semi-solid w water reactive l X liquid c cyanide reactive pumpable semi-solid f sulfide reactiv f flowable powder e explosive	re m polymerizati n OSHA carcino i infectious	ive ve on/monomer gen azard E	a none b mild c strong describe Ha or 0 - 0 % 1 0 - 0 %	Odor logens Bromine Chlorine Fluorine Iodine
	bi-layered: Second Layer high(syrup) medium(oil) low(water) solid		tom Layer high(syrup) medium(oil) low(water) solid	 Color <u>WHT</u>

WASTESTREAM INFORMATION PROFILE

		Severe Marine Pollutant, O-Ozona (
	Constituents	onstituent. B-Benzene NESHAP. T⇒1	rki Unemical, U-USNA U Range		llnits	
	I PETROLEUM CI	15		5.00[20.001	*
má.	i foils			.001	100,00	8]
Other:	and the same of th	ob a				
The second of the Control of the Con	tream being imported into the		Yes No_X Yes No_X			
1 1 1 1 N 1 1 N 1 1 N 1 1 N 1 1 N 1 1 N 1 1 N 1 1 N 1	estream contain PCBs regulate	a by sucre?	iles — No X	-		
	tion <u>.00</u> ppm tream subject to the Marine P	hilliment Douglationed	Man No. 17			
	tream from an industry regula		Yes No_X Yes No_X			
If yes:	want train mi ittendet 2 teamt	red mater members with the s	165 NO X			
A CONTRACTOR OF THE SECOND	testream subject to Notificat	ion/Control Requirements?	Yes No X			
	centration	The state of the s	.00	nrm		
Boes it cor	itain >= 10% water?		Yes Nox	Khin.		
What is the	TAB at your facility?		00	Mo/Yr		
2. Is the wastest	tream subject to RCRA subpart	. CC controls?	Yes No X			
Volatile Or	ganic Concentration		Yes No X	ppmw		
	CG Approved Analytical M	ethod?	Yes No_X			
sa san san san san san san sa	Generator Knowledge?	A	Yes No X			
3. 15 the wastest	cream from a CERCLA or state	mandated cleanup?	Yes No_X			
Packaging: Shipping Frequency	551A1 Type/Size: DM Type/Size: r: Units 3.00 Per Day UDM DRUMS DESCRIPTIO	55 GAL CLOSED HEAD (17E) OM Per Week Per Month N:	Per Qtr _ Per Year	On.	e Time <u>X</u>	
5. Additional Inf	ormation :	- washing an amana and a second a second and	the state of the s			· · · · · · · · · · · · · · · · · · ·
tille utije i og utali de			in a company			
· · · · · · · · · · · · · · · · · · ·						**************************************
	the state of the s		ment of the second seco			
	And the state of t					<u> </u>
l hereby certify waste. Any sample Information regar	that all information submitt submitted is representative	ed in this and all attached docur as defined in 40 CFR 261 - Appended in the possession of the generation.	taix I ar by using an	മെന്നുവിച	at most had	N 301 - 2232
l hereby certify waste. Any sample information regar any waste shipmen	that all information submitt submitted is representative ding known or suspected haza it for purposes of recertific	as defined in 40 CFR 261 - Apper rds in the possession of the gene ation.	ndix I or by using an Brator has been disclo	മെന്നുവിച	at most had	BANK WENT
I hereby certify waste. Any sample information regar any waste shipmen	that all information submitt submitted is representative ding known or suspected haza it for purposes of recertific SA SLYMIAN Name(Print or Type)	rds in the possession of the generation. 330 722 5047 Phone	taix I ar by using an	മെന്നുവിച	at most had	BANK WENT
waste. Any sample information regar any waste shipmen THERE	that all information submitt submitted is representative ding known or suspected haza it for purposes of recertific SA SLYMIAN Name(Print or Type)	as defined in 40 CFR 261 - Apper rds in the possession of the gene ation.	ndix I or by using an Brator has been disclo	മെന്നുവിച	at most had	8 30L 0030

If approved for management, Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

							Disposal Code
<u> </u> [Recertification					* * * * * * * * * * * * * * * * * * * *	
	Veolia ES Locat	tion MENOMONEE	FALLS FACILITY	MENC	MONEE FALLS	<u>wi</u>	552 476
<u> </u>	Invoice Address		OFFICE		CITY	ST	
Veoli	a ES TSDF requestedTech		Generat		•	EPA ID No.	VID006102305
1. Ger	nerator Name <u>MILWAUKEE DIE CA</u> dress 4132 N HOLTON				Generator Stat State Wa	e Nostestream No.	
	ty MILWAUKEE		State <u>WI</u>	Countr	y <u>US</u>	ZIP <u>53212</u>	
NA.	ICS(SIC) Code <u>3363</u> <u>331521</u>		Source G11	Origin <u>1</u> 	Form <u>W110</u>	System Type _	
	ste Name <u>OAKITE ENPROX 714 (Cocess Generating Waste</u>	CAUSTIC LIQUID)	_		Lab or	Waste Area	
	used/off-spec product						
	ipping Name WASTE SODIUM HYDR	ROXIDE SOLUTION					
	zard Class <u>8</u> UN/NA No. <u>UN</u>						: <u>N</u> DWW: <u>N</u> P: <u>N</u>
RQ Des	s: 1			^{2.}			
	es: 1.						
	ste Codes <u>D002</u> stewater Non Wastewate	er X Sub Categ	jory				Mix: N Sol: N
pH a b c d eX	vsical and chemical properties Specification < 2	Tic Gravity - 1.0		ex	0 - 0% set 0 - 0% dis F	solved <u>0 -</u>	<pre>- 0 % water solubili 0 BTU/lb -100 % - 0 %</pre>
	Physical State		ardous Character				Odor
s		_ air reactive		dioactive or NR	C regulated	a none	
	semi-solid w	_ water reactive	s sho	ock sensitive		b mild	
	liquid c pumpable semi-solid f	_ cyanide reactive	t ter	mp sensitive Numerization/mo	nomer	c strong describe	
Р f	flowable powder e	explosive		HA carcinogen	Toller	40301100	<u> </u>
g	gas 0	oxidizing acid				ŀ	lalogens
a	aerosol p	_ peroxide former		nalation hazard			% Bromine
	pressurized liquid		Zone: _	_			% Chlorine
	debris per 40 CFR 268.45						% Fluorine
	sharps		•		•	I <u>0</u> - <u>0</u>	% lodine
q	pumpable liquid						
Layers	: a multilayered:	b	bi-layered:		c X sī	ngle phase	i
	Top Layer		Second Layer		B	ottom Layer	Color
Visco		•	high(syrup)			_ high(syrup)	I <u>CLR</u>
by	· —)	medium(oil))	! _	_ medium(oil)	
Lay	rer: X low(water)	1	low(water)	•		_ low(water)	
	solid		solid			_ solid 	1

WASTESTREAM INFORMATION PROFILE

Chemical Composition [M-Marine Pollutant, S-Severe Marine Pollutant, 0=	Ozone Depleting:	oubstance.		m~ v.w.w.a.a.	and the last last last last last last last last
U-Underlying Hazardous Constituent. B-Benzene NESH Constituents	AP. T-TRI Chemica	5 A 5 L			
A CANADA AND A CAN		Rang	es	Units	
J SODIUM HYDROXIDE, SOLID (DRY, FLAKE, B	EAD OR GRANULAR)	1	40.001	60,001	3-1
WATER			40.001	60,001	
Other:			,		
8. Is the wastestream being imported into the USA?		es <u>No X</u>			
9. Does the wastestream contain PCBs regulated by 40CFR?	*	es No X			
PCB Concentration00 ppm 10. Is the wastestream subject to the Marine Pollucant Regulations?					
11. Is the wastestream from an industry regulated under Benzene NESHAP?		es <u>No X</u>	•		
it has:		es No X			
Is the wastestream subject to Notification/Control Requirements?	`,	i. Okas Alici M			
Benzene Concentration		es <u>No X</u> 00			
Does it contain > 10% water?		es No <u>X</u>			-
What is the TAB at your facility?	·	LO TO TO	May/Yr		
IZ. Is the wastestream subject to RCRA subpart CC controls?	4	<u></u>	139711		
Volatile Organic Concentration		.00	DOBBN		
CC Approved Analytical Method?		00 es No_X	Frans		
Generator Knowledge?	Ý	es No X		·	
13. Is the wastestream from a CERCLA or state mandated cleanup?		es No X			
14. Container Information Packaging: 051H1 Type/Size: DF 5 GAL CLOSED HEAD PLASTIC Type/Size: Shipping Frequency: Units 1.00 Per Day Per Week Per Month USM DESCRIPTION:	eren eren eren eren eren eren eren eren	Per Yea	r _ One	Time <u>X</u>	
		-			
15. Additional Information				-	
		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
the state of the s			· · · · · · · · · · · · · · · · · · ·	······································	***
Control of the Contro		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
					· · · · · · · · · · · · · · · · · · ·
GENERATOR CERTIFICATION	arte resolutions of a fire property and the second	,			
EMERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached waste. Any sample submitted is representative as defined in 40 CFR 261—information regarding known or suspected hazards in the possession of thany waste shipment for purposes of recertification.	- Drandrate T and h	التسييد الأحجارة وحرورا والأ	continue and all configurations.	Annual Company of the Company	A LEGICAL CONTRACTOR
I hereby certify that all information submitted in this and all attached waste. Any sample submitted is representative as defined in 40 CFR 261 information regarding known or suspected hazards in the possession of than waste shipment for purposes of recertification.	Appendix I or b e generator has	y using an been disclo	continue and all configurations.	Annual Company of the Company	A LEGICAL CONTRACTOR
I hereby certify that all information submitted in this and all attached waste. Any sample submitted is representative as defined in 40 CFR 261 information regarding known or suspected hazards in the possession of the any waste shipment for purposes of recertification.	Appendix I or b e generator has	y using an been disclo	continue and all configurations.	Annual Company of the Company	A LEGICAL CONTRACTOR
I hereby certify that all information submitted in this and all attached waste. Any sample submitted is representative as defined in 40 CFR 261—information regarding known or suspected hazards in the possession of the any waste shipment for purposes of recertification. THERESA SLYMAN 330-222-509	Appendix I or be generator has	y using an been disclo	continue and all configurations.	Annual Company of the Company	A LEGICAL CONTRACTOR

If approved for management. Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

 Recertification			Disposal Code
Veolia ES Location Invoice Address	MENOMONEE FALLS FACILITY MENO OFFICE	OMONEE FALLS WI CITY ST	552 476
Address 4132 N HOLTON		Generator State No. State Wastestream No.	
City MILWAUKEE NAICS(SIC) Code 3363 331521		Form <u>W203</u> System Type	
Waste Name COMBUSTIBLE LIQUID Process Generating Waste UNUSED/OFF-SPEC PRODUCT Shipping Name WASTE FLAMMABLE LIQUIDS.	n.o.s.	Lab or Waste Area _	
Hazard Class 3 UN/NA No. UN1993 PG I RQ Des: 1.	RQ amt _	0 lb Waste: Y PIH: N 1	IH: N DWW: N P: N
DOT Des: 1.PETROLEUM DISTILLATES 5. Waste Codes DOO1 Non Wastewater X	2		Mix: N Sol: N
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	e > 200 f no flash70.0-140.0 exc Hazardous Characteristics active r radioactive or NRC reactive s shock sensitive reactive t temp sensitive	C regulated a none	0 - 0 % water solubili -15000 BTU/lb 5 -100 % 1 - 0 %
flowable powder	ve n OSHA carcinogen ng acid i infectious	Br <u>0</u>	Halogens 0 % Bromine 0 % Chlorine 0 % Fluorine 0 % Iodine
ayers: amultilayered:	b bi-layered:	c <u>X</u> single phase	
Top Layer Viscosity high(syrup) by medium(oil) Layer: X low(water) solid	Second Layer high(syrup) medium(oil) low(water) solid	Bottom Layer high(syrup) medium(oil) low(water) solid	Color <u>VAR</u>
	page 1	· WII	P NO. <u>62169</u>

U=Underlying Hazardous Constituent, B-Benzene NESHAP, T=TRI Chemica	ubst		Carre San		
Constituents	H. U	Ran		yen) Units	
JPETROLEUM DISTILLATES		1	95.00	100.00	XI
I RUST, DIRT, SCALE	in a string of		.00	**********	***************************************
ither:					
Is the wastestream being imported into the USA?	es .	No :	ζ.		
. Does the wastestream contain PCBs regulated by 40CFR?	es	No.	ž.		
PCB Concentration .00 ppm		and the second	¥		
a la	as.	No_	Y		
	ne -	No.	<u>}</u> :		
If yes:		HYSU	<u> </u>		
	lan	. 61m. 1	v		
Benzene Concentration		. No_			
		DI V			
What is the TAB at your facility?	es	NoX	Tillian see	, i i	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			Mg/Yr		
Voiatile Organic Concentration	es _	No_			
		, U	bbuw		
CC Approved Analytical Method?	es	No_	Σ		
Generator Knowledge?	es _	No.	K		
3. Is the wastestream from a CERCLA or state mandated cleanup?	es _	No.	<u>K</u> .		
hipping Frequency: Units 1.00 Per Day Per Week Per Month Per Otr UCM DRUMS DESCRIPTION:	÷ Pr	er Ye	ar	One Time <u>X</u>	
5. Additional Information :	······································		·		<u> </u>
	-				
					:
		·			r-ma,
I hereby certify that all information submitted in this and all attached decuments conta	ins i	rue i	and accu	urate descr	iptions
I hereby certify that all information submitted in this and all attached documents conta waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix F or h	V HS	ino ar	a covintais	lant matha	4 83.1
I hereby certify that all information submitted in this and all attached documents conta waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix F or b information regarding known or suspected hazards in the possession of the generator has	V HS	ino ar	a covintais	lant matha	4 83.1
I hereby certify that all information submitted in this and all attached documents conta waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix F or b information regarding known or suspected hazards in the possession of the generator has	V HS	ino ar	a covintais	lant matha	4 83.1
I hereby certify that all information submitted in this and all attached decuments conta waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or b information regarding known or suspected hazards in the possession of the generator has any waste shipment for purposes of recertification.	y us been	ng ar disc	a covintais	lant matha	4 83.1
I hereby certify that all information submitted in this and all attached decuments conta waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or b information regarding known or suspected hazards in the possession of the generator has any waste shipment for purposes of recertification.	y us been	ng ar disc	a covintais	lant matha	4 83.1
I hereby certify that all information submitted in this and all attached decuments conta waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or b information regarding known or suspected hazards in the possession of the generator has any waste shipment for purposes of recertification.	y us been	ng ar disc	a covintais	lant matha	4 83.1
I hereby certify that all information submitted in this and all attached decuments conta waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or b information regarding known or suspected hazards in the possession of the generator has any waste shipment for purposes of recertification.	y us been	ng ar disc	a covintais	lant matha	4 83.1
Signature Senerator Certification Energy certify that all information submitted in this and all attached documents containste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or information regarding known or suspected hazards in the possession of the generator has any waste shipment for purposes of recertification. THERESA SLYMAN 330-729-5097 11/08/Name(Print or Type) Phone Sheresa Alguman Andsworm Signature Title	y us been	ng ar disc	a covintais	lant matha	4 83.1



CONFIRMATION LETTER

October 16, 2008

Mr. Robert Leszczynski Veolia ES – Industrial Services 1215 Klement Street Fort Atkinson, WI 53538

Re: Confirmation Letter for PCB impacted Debris

Attention: Mr. Leszczynski

We are pleased to confirm Veolia ES – Technical Solutions, L.L.C. (VESTS) - Controlled Waste Division's approval of your waste material as described below. The attached profile for the waste materials was prepared by Controlled Waste Division based upon information provided by you. It is important that no changes be made to the profile without Controlled Waste's consent. If the profile meets with your approval, please call 1-800-255-5092 to schedule shipment of your waste materials.

VESTS Profile Number:

61082 - Non-hazardous acid liquid

61088 - Caustic White Powder/Non-TSCA

62156 - Die Slick 914 (Emulsified Oil)

62167 - Oakite Enprox 714 (Caustic Liquid)

62169 - Combustible Liquid

62174 - PCB Labpacks

62177 - Caustic Liquid with PCBs

Approved Mgmt. Facility:

VESTS Controlled Waste Division or another VESTS approved facility

Disposal Method:

61082 - Solidification/Landfill

61088 - Bulk for Landfill

62156 - Energy Recovery

62167 - Depack/Repack for Waste Water Treatment

62169 - Depack/Repack for Energy Recovery

62174 - Labpack for TSCA/RCRA Incineration

62177 - TSCA/RCRA Incineration

Veolia Environmental Services – Technical Solutions, LLC W124 N9451 Boundary Road Menomonee Falls, WI 53051

Tel: 262-255-0863 • Fax: 262-255-5794

www.veoliaes.com



Profile Expiration Date:

10/13/09

Special Conditions:

All loads must be scheduled forty-eight(48) hours in advance.

Damaged and leaking containers will not be accepted.

A signed and completed Land Disposal Notification and Certification must accompany each shipment, if the waste is hazardous as per RCRA.

Applicable state and local taxes are included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by VESTS upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if you have not signed the Waste Profile Sheet, please sign and return it before scheduling your material.

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

Allan G. Kountz

Allan It This

Veolia Environmental Services - Technical Solutions, L.L.C. - Controlled Waste Division



rie	ase p					ri Approvea. C	ANIB INO.	2050-0035
1		IFORM A MANDOUS I	mergency Response Phone 77) 818-0087	4. Manifest		5044	‡ VI	ES
	5. G		PROTECTION OF THE PROPERTY OF SE	entrepa mailing addre	ss) E(E(V.D		
	Gen		LWALWEE, WI 532	ang l	C 01	2008	كالمؤول الأنافية المستويان	
		ansporter 1 Company Name CNUA LISE TECHNICIAL SCYLLTROMS		G.S. EPA ID	Number	0 6 3	1 3	6 9
	7. Tr	ansporter 2 Company Name		Ü.S. EPAID I				
	8. D	esignated Facility Name and Site Address VECKIA ES TECHNICAL SOX THOMS, W124 N9451 EXAMBARY	<u>ar ar ean an Eastean a deill</u>	U.S. EPA ID I	Number			
	Faci	ity's Phone: 262 265-6665 MENOINONEE FALLS, WI 53051		T# 1 C	0 0	3 9 5	7 1	4 8
ŀ	9a. . HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total e Quantity	12, Unit Wt./Vol.	13. Wa	aste Codes	;
GENERATOR -	Ā	1-UN1993, WASTE FLAMMABLE LICKINDS, n.o.s., (FETROLEUM DISTILLATES), 3, I	0 0 1 D F	00027	.F2	CXXX1		
- GENE	X	2UN1824, WASTE SCHMAN HYDROXIDE SOLUTION, 8, II	00105	00044	p	TXR)3		
	\vdash	3-NON-REGULATED MATERIAL, NON-RORA, NON-EXIT.			<u> </u>	NONE		*
		(NON-HAZARDOUS ACID LIQUID)	0 0 2 D F	00110	G			
		4-NON-REGULATED MATERIAL, NON-RORA, NON-DOT., (NON-HAZARDOUS ACID LIQUID)	0 0 2 D F	00094	p :	NONE	.	
	14. 8	pecial Handling Instructions and Additional Information 1) ERG: 128 W:62169 A:CWOOPK		 2167 A:CWDE	FK8B	31 W:6108		
	CW	(DSGRNHL 4) Wi51082 A:CWDSGRNHL (- ER Service Contracted by V	ESTS PC165 WI FI	ELL) SERVICE	S			
		GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are ful marked and tabeled/placarded, and are in all respects in proper condition for transport according to applicable I Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgm I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator)	nternational and national gove ent of Consent.	emmental regulations.				
	Gene	rator's/Offeror's Printed/Typed Name Signature	,,,	0 -		Month	Day 14	Year
INT"L *	16. ln	ternational Shipments Import to U.S. Export from U.S.	Port of entry/exit: _	- gyran	erd	1//	1/64	00
		sporter signature_(for exports only): ansporter Acknowledgment of Receipt of Materials	Date leaving U.S.:	 .	 			
PORT	Trans	porter 1 Printed/Typed Name Signature	0 00	7		Month	Day	Year OB
TRANSPORTER	Trans	porter 2 Printed/Typed Name Signature	A STATE OF THE PARTY OF THE PAR			Month	Day	Year
↑		screpancy	·					
	18a. [Discrepancy Indication Space Quantity Type	Residue	Partial Reju	ection		Full Rejec	tion
<u>ˈ</u>	18b. A	Alternate Facility (or Generator)	Manifest Reference Number:	U.S. EPA ID N	lumber			
텕	Facilit	y's Phone;						
		signature of Alternate Facility (or Generator)				Month	Day	Year
DESIGNA	19. Ha	azardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and r	recycling systems)			<u> </u>		
			141	4.	4141	-		
, l		esignated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest ex d/Typed Name				Month	Day	Year
1 1	Ē.	č. – sia na ki filika kom – – – – – – – – – – – – – – – – – – –	6 616 10			1 2 ±	1 100	1/3 C

Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAT ARDOUS WASTE MANIFEST 21. Generator ID Number 22. Page 23. Manifest Tracking Number WID005102305 2 of 2 (Continuation Sheet) 00015SILLVES MILWAUKEE DIE CASTING 24. Generator's Name U.S. EPA ID Number 25. Transporter Company Name U.S. EPA ID Number 26. Transporter __ Company Name 30. Unit 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, ... 29. Total 31. Waste Codes Quantity Wt./Vol. НМ and Packing Group (if any)) No. Type 5. WOW-REGULATED MATERIAL, MON-COTA, MON-COTA, NONE CAUSTIC WHITE POWERS Ţ.; 002 £ 00543 6 NON-REGULATED MATERIAL, NON-RORA, PENHODE, NONE (WATER BASED OIL) 003 1 00165 $(\dot{\beta})$ 32. Special Handling Instructions and Additional Information 5) WHOTORS ACCOMDISCIPATING OF WIRESESS ACCOMIXIZEMENT. Acknowledgment of Receipt of Materials 33. Transporter Month Day Year Printed/Typed Name Signature Acknowledgment of Receipt of Materials 34. Transporter Day Month Year Signature Printed/Typed Name 35. Discrepancy DESIGNATED FACILITY 36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

WASTESTREAM INFORMATION PROFILE

							Disposal Code
Recertification							
Vec	olia ES Location	MENOMONEE I	FALLS FACILITY	MENO	MONEE FALLS	MI	552 476
Invoice Address			OFFICE .		CITY	ST	
				*			
Veolia ES TSDF request		requested	Generat				0006102305
1. Generator Name MILV				I	Generator Stat	·	
Address 4132 N HOLT	ron			<u> </u>		stestream No.	
City MILWAUKEE				Countr		ZIP <u>53212</u>	
NAICS (SIC) Code 336	331521		Source G19	Origin 1	Form W307	System Type	
2. Waste Name METAL FI			_		Lab or	Waste Area	
3. Process Generating							· · ·
Cleanup of Alumium							
4. Shipping Name NON-F			NON	-DOT	0.73		
Hazard Class NONE						: N PIH: N IH:	
RQ Des: 1							
DOT Des: 1 METAL FINES							
5. Waste Codes NONE							
Wastewater	von wastewater x						Mix: N Sol: N
6. Physical and chemic			Elash Boint (P)	go114a		
рH	Specific Gra	VICY	Flash Point(Solids	nonded 0	0 % ach
a<2 .	a <.8		a < 80		<u>00 - 100</u> % sus 00 - 100% set	•	0 % ash
	b8 - 1.0		b 80 - 100 c 100 - 14				0 % water solubility
c 5 - 9	d 1.0 - 1.2		d 140 - 20	_	<u>00 - 100</u> % dis	sorveu	_0 BTU/lb
d 9 - 12.5 e > 12.5	e > 1.2		e <u>X</u> > 200		· .	ree Liquid 0 ~	0. %
5.0- 10.0 exact		at.		exa		AOC 0 -	······
			1 110 2111111				
Physical State		Haza	rdous Character	istics		(Odor
s X solid	a air :			dioactive or NR	C regulated	a none	
m semi-solid		r reactive		ock sensitive	3	b mild	
l liquid		ide reactive		mp sensitive		c strong	
p pumpable semi-sc		ide reactive		lymerization/mon	nomer	describe	
f flowable powder	e explo			HA carcinogen			
g gas		izing acid				на	ogens
a aerosol		kide former		nalation hazard		Br. <u>0 - 0</u> %	Bromine
r pressurized liqu			Zone:			C1 _00 %	
d debris per 40 CF			-	- '		F 0 - 0 %	
h sharps						I 0 - 0 %	
q pumpable liquid							
1							
Layers: a mul	tilayered:	ъ	bi-layered:		c <u>X</u> si	ngle phase	1
	Top Layer		Second Layer		l B	ottom Layer	Color
Viscosity	high(syrup)	- i	high(syrup)			high(syrup)	BLK
by		i	medium(oil)			_ medium(oil)	
		1	low(water)		1	low(water)	1
	solid	l J	solid			_ solid	<u></u>
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page 1

WIP NO. 63709

NACTORITORAN INPODNATION PROFILE

UwUnderlying Hazardous Constituent, B-Benzene NESHAP. T-TRI Cher	ng Substance,	oun?
Constituents	Rangas	vaits
		<u> </u>
HON-HAZARDOUS METAL FIMES	100.00	150/00 1
hor:		
Is the wastestreem being imported into the USA?	YesNo_X	•
Does the wastestream contain FCEs regulated by 40CFR?	Yes No X	
PCB Concentration00 ppm		
. Is the wastestream subject to the Marine Pollutant Regulations?	Yes No K	
. Is the wastestream from an industry regulated under Benzena NSSHAP?	Yes No X	•
If yes:		
Is the wastestream subject to Notification/Control Requirements?	Yes No K	•
Benzene Concentration	00 pos	
그는 그는 마음에 살아왔다는 아이가 가장 그들을 보고 있다면 하는 것이 되었다.	1.77	
Poss it contain >= 10% water?	Yea Nox	and the second
what is the TAB at your facility?		
1. Is the wastestream subject to RCRA subpart CC controls?	Yes So_X	
Volatile Organic Concentration	10 DDMM	
GC Approved Analytical Method?	Yes _ No X	
Generator Incoledge?	Yes No X	
. Is the wastestream from a CERCIA or state mandated cleanup?	Yes No x	
	The state of the s	
Container Information :		
xckaging: 551A2 Type/Size: DM 55 GAL OPEN HEAD (17H) DM		
551H2 Type/Size: DF 55 GAL OPEN HEAD PLASTIC DRUM		
nipping Frequency: Units 8.00 Per Day Per Week Per Month Per Qt	r Per Year	One Time X
CON ERUMS DESCRIPTION:		
the state of the s	· · · · · · · · · · · · · · · · · · ·	
5 additional Information		
5. Additional information tratem is 90 me the		
Total PCB Concentration is 9.0 mg/tg.	A ALTERNATION CONTRACTOR OF THE STATE OF THE	
Total PCB Concentration 15 9.0 mg/tg.	in the second se	
Total PCB Concentration is 9.0 mg/tg.		
Total PCB concentration is 9.0 mg/kg.		
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Total PCB concentration is 9.0 mg/tg. ENERATOR CERTIFICATION	ontains true and acc	urate descriptions of t
Total PCB Concentration is 9.0 mg/fg. SHERNTOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents of		•
Total PCB (oncentration is 9.0 mg/kg. ENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents of the same and submitted is xepresentative as defined in 40 CFR 261 - Appendix 1	or by using an equiv	alent method. All kele
ENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents of waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I information regarding known or suspected bazards in the possession of the generator any waste shipment for purposes of recertification.	or by using an equiv	alent method. All kele
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If approved for management, Veolia BS has will the necessary permits and licenses for the waste that has been characterized and identified by this profile.

Veolia ES Technical Solutions, L.L.G. Merjomonee Falls, Wisconsin

Subject

Polychiorinated Biphenyl (PCB) Concentration Statement for Metal Fines Waste Stream. Former Milwaukee Die Casting Company Facility, 4132 North Holton Street, Milwaukee, Wisconsin.

To Whom It May Concern:

It is understood that a waste profile has been generated for a metal fines waste stream from the above referenced site. In additional to this waste profile, which I signed on November 19, 2008, you are also requiring a signed statement regarding the total polychlorinated biphenyl (PCB) concentration of the waste stream, which is 9 parts per million (ppm).

Data: 24 November 2008

By signing this statement below, I am certifying that, to the best of my knowledge, this waste did not contain PCB's at regulated levels and that any PCB's detected at less than 50 pppm are not from a PCB source containing greater than 50 ppm concentration nor the result of impermissible dilution.

Should you have any questions, please feel free to give ARCADIS a call.

Sincerely,
Theresa Slyman

Property Owner Signature:

Printed Name:

TITLE:

Sandaumu.

Date:



CONFIRMATION LETTER

November 15, 2008

Mr. Robert Leszczynski Veolia ES – Industrial Services 1215 Klement Street Fort Atkinson, WI 53538

Re: Confirmation Letter for Metal Fines Profile

Attention: Mr. Leszczynski

We are pleased to confirm Veolia ES – Technical Solutions, L.L.C. (VESTS) – Controlled Waste Division's approval of your waste material as described below. The attached profile for the waste materials was prepared by Controlled Waste Division based upon information provided by you. It is important that no changes be made to the profile without Controlled Waste's consent. If the profile meets with your approval, please call 1-800-255-5092 to schedule shipment of your waste materials.

VESTS Profile Number: 63709

Approved Mgmt. Facility:

VESTS Controlled Waste Division or another VESTS approved facility

Waste Name: Metal Fines

Disposal Method:

Bulk for Subtitle D Landfill

Profile Expiration Date:

11/15/09

Special Conditions

All loads must be scheduled forty-eight(48) hours in advance.

Damaged and leaking containers will not be accepted.

A signed and completed Land Disposal Notification and Certification must accompany each shipment, if the waste is hazardous as per RCRA.

Veolia Environmental Services – Technical Solutions, LLC W124 N9451 Boundary Road Menomonee Falls, WI 53051 Tel: 262-255-0863 • Fax: 262-255-5794 www.veoliaes.com



Applicable state and local taxes are included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by VESTS upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if you have not signed the Waste Profile Sheet, please sign and return it before scheduling your material.

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

Allan G. Kountz

Veolia Environmental Services - Technical Solutions, L.L.C. - Controlled Waste Division







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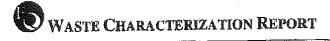
Veolia Environmental Services- Controlled Waste Division (WID003967148) has received waste material from <u>Milwaukee Die Casting</u>, on <u>11/19/08 and 12/4/08</u>, described on Waste Manifests, <u>000155044VES</u> and ZZ00095130.

By accepting the waste products described on the shipping papers referenced above, Veolia Environmental Services, certifies to the generator that the transportation, storage, and processing methods employed are in accordance with Veolia permit parameters, TSCA, RCRA, HMTA, OHSA, and all applicable federal, state, and local laws.

I certify on behalf of the above listed facility that, to the best of my knowledge, the waste was managed in compliance with all applicable laws, regulations, permits and licenses.

William Banks

Veolia Environmental Services - Controlled Waste Division Signature



ive, Belleville, M1 48111
Fax: 800-592-5329 ive, Believille, MI 48111 EPA ID # MID 048 090 633
Fax: 800-592-5329
etroit, MI 48211 EPA ID # MID 980 991 566 Pax: 313-923-3375
Commitus, MI 48174 EPA ID # MID 060 975 844 Fax: 734-326-4033
рех, NC 27502 BPA ID # NCD 982 170 292 Рих: 919-363-4714
s, FL 33619 EPA ID # FLD 981 932 494 Fax: 813-628-0842
r, MI 48211 EPA ID # MIK 939 928 313 Pax: 313-922-8419
diznepolis, IN 46222 EPA ID # IND 161 049 309 Fax: 317-247-7170
lvd SW, Atlanta, GA 30936 BPA ID # GAR 000 039 776 Fax: 404-494-3560
Blvd, Augusta, GA 30906 EPA ID # GAR 000 011 517 Pax: 706-771-9124
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her (palletized, 5 gal. Pail, etc.)
I built dispussed charges for solid materials will be bilted by the cubic yard, if sto dentity is less than 2,000lbs./cubic yard, if wanto density is greater than be/cubic yard, then balls disposal charges will be bilted by the toe, regardless approved containes.

	Section 3 - Physical Cha	uracisristics r <u>NINC</u>	* .	
5.7) Does this weste operato? (check all that apply) [] Blodegradable Sorbants [] Shock Sonardive Watta [] Rescon	Constituents as defined in the fi Mischia Dust/Pewder 	O Repource Ouide? (Section 2) ☐ Liquid ☐ Stadge \$5.10 ☐ 101-12 ☐ 100-1099	taldae 🛘 Mart Floer	
Беснов -	t Waste Composition as	d Generating Process		uận
(1) Describe the physical composition of the waste (1.	e., 1961), water, PPE, debits, keye To 140 - 21		0 10 *	
Pipe Dispping Asbestis	10100 % 1-18	r, flastic, condboard	1 0 s 30 s	
(2) Provide a desollar discription of the process gates	and the factors of the first make the first the second colors.	Editor - Landing April 19 19 19 19 19 19 19 19 19 19 19 19 19	ki Gi kaki i sa an enreasimo da.	n Ource
Cleaney of Aluminam	Die Zasting G	angen yn Mathu. Wedin (milwene)	KUNGU WA HOU ISANA INI	Plan 61
			Magister (I)	
Place refe	Section 5 – Is This Hazai to Section 5 of the EQ Resource	rdous Waste? Guide for a list of wave codes	V	
As descriptions by 40 CFR, Part 261 and State Bull	i):	Flease list applicable	e waste code(s):	رميلا
5.1) is mis on EPA RCRA listed haresdoes week (F, B	СРогия ОҮс	X **		
5.2) li chii en PARCEA Characteriate d'Assertina d'A		No Art all		
53) Do any State Harandons Waste Codes apply?	₹Yes	om PCB 6		::: / A.:
5.4) is this waste intended for wastewater treatment?	IJΥ α*	₹ %o	Depth Action	
() you asswered 'no' to \$1,5% and \$3, please	Marine and the control of the second state of the control of the c			
Addition of the wage creek [and Directal Respirates	endum feund in Section 7 of the Section 6 – Hazardos (leven) Section of the silvent	i BO Resource Coules. 13 Wastes 14 was presiment analysisch of 40 Cl	OTS SANS	
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VESHAP SIC*	9.1) is this waste subject to regal							Сольюе»	ds – VOC*s?)
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13 2841 2879	9.23 Is the site, or waste, subject	to any other	MACT of N	eshap?	☐ Yes. p	ध्याद क्षेट्रां	y .	F-1 br	-BNG
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Generator Approval Notification

November 24, 2008

Customer: VEOLIA ES TECHNICAL SOLUTIONS LLC

Fax: (262) 255-7990

ENVIRONMENTAL MANAGER MILWAUKEE DIE CASTING C/O ARCADIS 126 N. JEFFERSON ST. SUITE 400 MILWAUKEE, WI 53202 RECEIVED

NOV 2 6 2008

ARCALIS

Expires On: 11/10/2009

This Generator Approval Notification acknowledges the acceptability of waste material(s) into the EQ environmental protection facility identified below and ensures that this facility has the appropriate permit(s) issued by federal and state regulatory agencies to properly transport, treat, and/or dispose of the waste material(s).

EQ FACILITY: Wayne Disposal, Inc. (MID048090633)

49350 North I-94 Service Drive, Belleville, Michigan 48111

Approval Number: K084101WDI

Generator EPA ID: WID006102305

Waste Common Name: PCB/FRIABLE ASBESTOS

Comments: Waste is double-contained, Waste containers comply with NESHAP Asbestos 40 CFR Part 61

Subpart M container standards (ref. 40 CFR 61.145(c) and 40 CFR 61.150), No free liquids in the

waste containers and Waste containers must be at least 90% full.

10 CYB ONe time only

Primary Waste Code: PCB6 Secondary Waste Codes:

The Approval(s) listed above are based upon characterization information supplied to EQ by the Customer and the generator (if other than the Customer). The Customer is ultimately responsible for the accuracy and completeness of all such information, whether provided by the Customer or the generator. The Customer must notify the EQ Resource Team immediately upon knowledge of any changes to this information. This Approval and all wastes which are transported, delivered, or tendered to EQ under this Approval shall be subject to the attached Standard Terms and Conditions.

The Approval(s) will expire on the date(s) noted. Any new Approvals obtained from EQ on future business will be valid for a period of one (1) year from the date of issuance. Within 60 days of the Approval Expiration Date, you will be notified of the requirements for recertification.

Rev. 8/05 Page 1 of 1 -126026-1

Invoice: 40093222

Receipt 03-01 1168582

Manifest 000155041VES

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FOR MANIFESTED PCB WASTE

has been landfilled on ., 200 £ in accordance with all local, state and federal regulations by: and specified on Manifest # 0001550410E5, Line Item This certificate is to verify the wastes identified as

Wayne Disposal, Inc.

OF DISPOSA

(EPA I.D. # MID048090633)

49350 N. 1-94 Service Drive, Bolleville, Michigan 48111 Telephone: 1-800-KWALITY (592-5489) Fax: 1-800-KWALFAX (592-5329)

1001 and 15 U.S.C. 2615), I certify that the information contained in or accompnying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the yorification that this information. Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. s true accurate and complete. ICATE

Authorized Signature:

THE ENVIRONMENTAL QUALITY COMPANY 49350 N, 1-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111



Clean Harbors Environmental Services, Inc. 1672 E. Highland Road Twinsburg, OH 44087 330.425.3825 www.cleanharbors.com

September 9, 2008

Mr. Greg Slyman Milwaukee Die Cast 4132 N. Holton Street Milwaukee, WI 53212

RE:

Clean Harbors Order Number:

172047678

Dear Mr. Slyman:

Enclosed please find a signed copy of your paperwork, which indicates acceptance of your material at our Clean Harbors PPM facility in Twinsburg, Ohio.

Date Received:

9/5/08

Document Number:

000676691FLE

If you any questions, please feel free to contact me in our Twinsburg, Ohio operations office at (330) 425-3825.

Sincerely,

Lorean Crowder

Compliance Guard

Clean Harbors PPM, LLC

Lorean Candu

Attachments

Colthour

172047678-002 SC PPW 8/13/2008 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-003. 4. Manifest Tracking Number UNIFORM HAZARDOUS 1. Generator ID Number WIDOGS 1020 2. Page 1 of 3. Emergency Response Phone 000676691 ✓ WASTE MANIFEST WTB-ODE 1.2.3.0.5 (800) 483-3718 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) Milwaukee Die Cast **经 和解科,其实包集** 经线额 Generator's Phone: (3.30) 407-1751 6. Transporter 1 Company Name U.S. EPA ID Number Clean flactions Environmental Services Inc. MAD039322250 7. Transporter 2 Company Name U.S. EPA ID Number CLEAN HARLOAS PPM LLC 1672 EAST HIGHLAND Rd. TWINSLURG, OH 44087 Phone- 330-425-3825 8. Designated Facility Name and Site Address U.S. EPAID Number Actual American Control of the Contr MKIDILLIUNGEN - History Land Hearth -Coffeyalle, W. G. T. S. F. N 16201 254-6300 10HD 98L 975399 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) НМ No. Quantity Wt./Vol. Type RO. UN 2315, POLYCHLORINATED BIPHERYLS, LKNID, 别()将E GENERATOR 多。好好 14. Special Handling Instructions and Additional Information 1.CR327932B **医缺分器主**字主 2550357 ovT oF SERVICE 9-4-08 EsT. 4500SAL

GENERATOR'S/OFFEROR'S CERTIFICATION: Thereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If expect shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Signature 16. International Shipments Export from U.S. Port of entry/exit: Import to U.S. Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name JAMES arnos Transporter 2 Printed/Typed Name 18a Discrepancy Indication Space Partial Rejection Full Rejection WID (0) (0) Mahinest Reference Number: U.S. EPA ID Number FACILITY Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Fadility Owner or operator: Certification of receipt of hazardous materials povered by the manifest except as noted in Item 18a Printed/Typed Name Signature

veolía ES Technical Solutions L.L.C.

WASTESTREAM INFORMATION PROFILE

			1,31 (1, 12 11)	Disposal Code
Recertification	ONEE FALLS FACILITY OFFICE	MENOMONEE FALLS CITY	W <u>l</u> ST	<u>552 476 </u>
Veolia ES TSDF requested	State WI Source G19 Origin um die casting facility 5. LIQUID 2. 2. Category	Generator State State Mas Country <u>US</u> 1 Form W219 Lab or RQ amt 1 1b Waste:	No. testream No. ZIP <u>53212</u> System Type Waste Area	N DWW: N P: N
6. Physical and chemical properties: pH	Flash Point(F) a	Solids 0 - 5% sus 0 - 5% set 0 - 5% dis	pended 0 tleable 0 solved 1000 -	- 0 % water solubili 3000 BTU/lb -100 %
Physical State s	Hazardous Characteristics ive radioact tive s shock se eactive t temp ser eactive m polymeri n OSHA can acid i infection	ive or NRC regulated insitive isitive zation/monomer cinogen	a none b mild c strong describe Br 0 - (C) 0 - (F 0 - (
Layers: amultilayered;	b X bi-layered:	c s	single phase	1
Top Layer Viscosity high(syrup) by X medium(oil) Layer: low(water) solid	Second Layer		Bottom Layer high(syrup) medium(oil) low(water) solid	Color <u>VAR</u>
	page 1		Ħ,	IP NO. <u>57452</u>

Veolia ES Technical Solutions L.L.C.

WASTESTREAM INFORMATION PROFILE

lsed oil y/n HOC < 1000 ppm HOC > 1000 ppm			
Chemical Composition [M=Marine Pollutant, S-Severe Marine Pollutant, O-Ozone Depleting St U-Underlying Hazardous Constituent, 8-Benzene NESHAP, T-TRI Chemica	I, C=OSHA Carcino		
Constituents	Ranges	Units	
S.T.U. IPOLYCHLORINATED BIPHENYLS (SHIPMENT BY HIGHWAY)	1 .00	5000,001	MI
WATER	90.00		X (
OIL	.00		X
FRUST, DIRT, SCALE	.00		\$1
Other:			
8.5 Is the wastestream being imported into the USA?	es No <u>X</u>		
9. Does the wastestream contain PCBs regulated by 40CFR?	es X No		
PCB Concentration <u>5000.00</u> ppm			
	es No <u>X</u>		
	es No <u>_X</u>		
If yes:			
·	es No_X		
Benzene Concentration			
Does it contain >- 10% water? Ye What is the TAB at your facility?	es <u>NoX</u> .00 Mg/Yr		
· · · · · · · · · · · · · · · · · · ·	es No_X		
Volatile Organic Concentration	.00 ppmw		
-	es No X		
	es No X		•
13. Is the wastestream from a CERCLA or state mandated cleanup?	es No X		
14. Container Information :			
Packaging: VACTRU Type/Size: TT VAC TRUCKS Type/Size:			
Shipping Frequency: Units 10000.00 Per Day Per Week Per Month Per Qtr UOM GALLONS DESCRIPTION:	Per Year _	One Time <u>X</u>	
15. Additional Information :			
GENERATOR CERTIFICATION			
I hereby certify that all information submitted in this and all attached documents conta	ins trúe and acc	urate descrip	otions of this
waste Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by	y using an equiv	alent method.	. All relevar
information regarding known or suspected hazards in the possession of the generator has	been disclosed.	I authorize	sampling of
any waste shipment for purposes of recertification.			
- d A'Arraham			=/0
THERESA A SLYMAN			
Name(Print or Type) Phone	Date		
THERESA A SLYMAN Name(Print or Type) Phone Therese a. Slyman	****		~ <u>2</u>
Signature Title	1 - 1		-
2 (Augusta)			

If approved for management. Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.



CONFIRMATION LETTER

October 14, 2008

Mr. Robert Leszczynski Veolia ES – Industrial Services 1215 Klement Street Fort Atkinson, WI 53538

Re: Confirmation Letter for PCB impacted Oil/Water

Attention: Mr. Leszczynski

We are pleased to confirm Veolia ES – Technical Solutions, L.L.C. (VESTS) - Controlled Waste Division's approval of your waste material as described below. The attached profile for the waste materials was prepared by Controlled Waste Division based upon information provided by you. It is important that no changes be made to the profile without Controlled Waste's consent. If the profile meets with your approval, please call 1-800-255-5092 to schedule shipment of your waste materials.

VESTS Profile Number:

57452

Approved Mgmt, Facility:

VESTS Controlled Waste Division or another VESTS approved facility

Waste Name:

PCB impacted oil/water

Disposal Method:

TSCA Incineration

Profile Expiration Date:

10/06/09

Special Conditions:

All loads must be scheduled forty-eight(48) hours in advance.

Damaged and leaking containers will not be accepted.

A signed and completed Land Disposal Notification and Certification must accompany each shipment, if the waste is hazardous as per RCRA.

Veolla Environmental Services – Technical Solutions, LLC W124 N9451 Boundary Road Menomonee Falls, WI 53051 Tel: 262-255-0863 • Fax: 262-255-5794 www.veoliaes.com



Applicable state and local taxes are included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by VESTS upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if you have not signed the Waste Profile Sheet, please sign and return it before scheduling your material.

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

Allan G. Kountz

Veolia Environmental Services - Technical Solutions, L.L.C. - Controlled Waste Division

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) موماد	seprint of type. (Form designed for use on elite (192)	trb/tynewater (TMM)		54:	42620	D Form	uproved GM	B No. 2050-0039
<u>-</u> -	UNIFORM HAZARDOUS 1. Generator ID Number		1 of 3. Emergency Re	sponse Phone	4. Manifest	racking Nun	iber	17
	WASTE MANIFEST VN : E 0 0 5 1	02305.	1877) 818-4				<u> 5040</u>	VES
	5. Generator's Name and Mailing Address	ing.	Generator's Site A	ddress (if different the LULE LAS LUCE AS	nan mailing addres Tillig	s)		
	TÎN JÊ Medan	S FEERSON ST KEE, VA 58202	4132 N HC)LTOM				
	444 277-8207	6	MILVAUK	EE VA 6321	2			
1	Generator's Phone:	ELE MINERAL NATIONAL DE LA CONTRACTOR DE	1	17.5	U,S. EPA ID N	lumber		
	6. Transporter 1 Company Name TETAC TRANSPORT U.C.					9 ()	1 6 8 8	7 9 1
	7. Transporter 2 Company Name				U.S. EPA ID N	umber		
$\left[\cdot \right]$					1			
	8. Designated Facility Name and Site Address VEDLA	ESTECHNICAL SOLUTION	13		U.S. EPA ID N	umber		
	HIGHVW 3.5 MILE	S AV. OF TAYLOF'S BAYOU	j s				10M (36)	3 7:37
		RIHUR TX 17640			TXC	0.0	1 2 3 8	8 3 6
	Facility's Phone:	A) A LOUIS DATE (40	O	<u> </u>	·		
	9a. 9b. U.S. DOT Description (including Proper Shipping and Packing Group (if any))	name, Hazard Class, ID Number,	No	Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Was	te Codes
	Y MINZES WASTE POLYCHLOR	NATED BIPHEMYLS, LIQUI		. 17#5			FCBI	
S.	9,11, RG / POLYCHLORINATED	BIPHENIVLS)	01	TT	15604	-	1	1179212 18
RA	ļ ,	Annual Control of the				L `		14.1 1 may 1.5 12.186
GENERATOR	2.	ECENED						
5		i i						
	3. N	OV 17 2008 AKCADIS			 			<u> </u>
	J. 14		İ					
		AKUADIS						
	4.							
	Nagara V					-		
				•	<u> </u>			
	14. Special Handling Instructions and Additional Information 10/31/08. UNIQUE CONTAINER ID #		452 (PCB IMPA	.CTED O!LA/ .#490356D.1	#ATER) -1- (8 (86	DUT-OF-	SERVICE	DATE:
	ADDENDUM ATTACHED FOR ADDI	TIONAL ISOA INFORMATI	ON - ER Servic	e Contracted	by VESTS			**
								A
	15. GENERATOR'S/OFFEROR'S CERTIFICATION: I her	reby declare that the contents of this consign	ment are fully and accur	ately described abo	ve by the proper st	ipping name,	and are classifie	ed, packaged,
	marked and labeled/placarded, and are in all respects Exporter, I certify that the contents of this consignment	conform to the terms of the attached EPAA	cknowledgment of Cons	ent.			mentand (an)	ne Primary
	certify that the waste minimization statement identifie	d in 40 CFR 262.27(a) (if I am a large quanti	ty generator) or (b) (if I a	m a small quantity g	enerator) is true.	:	\$4.00th	Day Vord
П	Generator's/Offeror's Printed/Typed Name THERESA SLYMAN		Signature		Al.		Month I	Day Year
Ľ	16 International Shipments		4.7		Alegno	- 1 L.		3100
Ę	Import to U.S. Transporter signature (for exports only):	Export		ort of entry/exit: ate leaving U.S.;				•
<u></u>	17. Transporter Acknowledgment of Receipt of Materials		\sim	,	0	Λ		
TRANSPORTER	Transporter 1 Printed/Typed Narrie	i periori	Signature	1 4	Ka	. []	(Month	Day Year
SPO	Kobert now	and	1/10	hus.	110 K	MERA.	<u>ve / 0</u>	13/ 10/
AN	Trånsporter 2 Printed/Typed Name		Signafüre t				Month	Day Year
崖								<u>il</u>
 †	18. Discrepancy							
	18a. Discrepancy Indication Space Quantity	Туре	Resid	lue	Partial Re	jection	<u> </u>	Full Rejection
$\ \ $	100000	A	Manifest R	eference Number:				
l≥	18b. Alternate Facility (or Generator)	· · · · · · · · · · · · · · · · · · ·			U.S. EPA ID	Number		
FACILITY	¥					÷		
FA	Facility's Phone:		- V				₹ # £ zi.	De V-
世	18c. Signature of Alternate Facility (or Generator)						Month	Day Year
18			lionanal and sampling	vetome)			199515	
DESIGNATED	19. Hazardous Waste Report Management Method Codes	(i.e., codes for nazardous waste treatment, o	isposal, and recycling sy 3.	sterrisj	4.		·	
-	1 1000 1		["			
	20. Designated Facility Owner or Operator: Certification of	receipt of hazardous materials covered by th	e manifest except as not	ed in Item 18a	A.	··		
	Printed/Typed Name		Signature	s . /)	To W		Month	Day Year
	1 くけれんれて ノチャ	7M7 m		hil	10/	- Strongward	-1/l	KOLOT



Veolia ES Technical Solutions, L.L.C. Federal EPA ID: TXD000838896 State EPA ID: 50212-001 Highway 73, 3 5 miles W. of Taylor's Bayou Bridge Port Arthur, TX 77643 (409) 736-2821

MILWAUKEE DIE CASTING 4132 N HOLTON MILWAUKEE, WI 53212

ATTN: BEN VERBURG (ARCADIS)

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from MILWAUKEE DIE CASTING (Fed EPA ID - WID006102305) on 11/3/2008 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 000155040VES. Veolia ES Technical Solutions, L.L.C. hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Sequence 1

Profile Number:

PTA057452

Veolia Tracking ID:

617459

Process

Veolia Unit ID Treatment Date

Date Generator #

Inter-Company #

Date CD Was Issued

INCINERATION

1

11/6/2008

451009697000001010

451009697000001010

11/10/2008

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Paul V. Conrad

Material Services Manager

Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 4. Manifest Tracking Number 0001552 2. Page 1 of 3. Emergency Response Phone 1. Generator ID Number UNIFORM HAZARDOUS /8771 818-0087 **WASTE MANIFEST** WID006102305 5. Generator's Name and Mailing Address ARCADIS 120 WEFFERSON ST MILWAUKEE, VM 53202 MILWAUKEE W 53212 414 277-6231 Generator's Phone: U.S. EPA ID Number 6. Transporter 1 Company Name
TRIAD TRANSPORT, INC. OKD981588791 U.S. EPA ID Number 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address VEOLIA ES TECHNICAL SOLUTIONS HIGHWAY 73 3.5 MILES W. OF TAYLOR'S BAYOU PORT ARTHUR, TX 77640 T X D 0 0 0 8 3 8 8 9 8 Facility's Phone: 10. Containers 12 Unit 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 13. Waste Codes Quantity Wt.Nol. No. and Packing Group (if any)) HM PCB1 UN2315, POLYCHLORINATED BIPHENYLS, LIQUID, 9, II, RQ (POLYCHLORINATED BIPHENYLS) GENERATOR 8357 H. OUT92191 RECEWED DEC 0 8 2008 **ARCADIS** 1) APPROVAL #PTA057452 (PCB IMPACTED DILWATER) + OUT-OF-SERVICE DATE:
PROJ #4903560 18:188 14. Special Handling List yesters and Additional Information

1) AF

ADDENDED ATTACHED FOR ADDITIONAL '08DEC 3 7:164" TSCATNFORMATION - ER Service Contracted by VESTS 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. 1 certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Month Year Generator's/Offeror's Printed/Typed Name Heresa S International Shipments. Port of entry/extt. Export from U.S. Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name 08 Nemoell GRESHAM Transporter 2 Printed/Typed Name 18. Discrepancy Full Rejection 18a. Discrepancy Indication Space Туре __ Résidue Partial Rejection Quantity Manifest Reference Number. U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: Year Month Day 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR



Veolia ES Technical Solutions, L.L.C. Federal EPA ID: TXD000838896 State EPA ID: 50212-001 Highway 73, 3.5 miles W. of Taylor's Bayou Bridge Port Arthur, TX 77643 (409) 736-2821

MILWAUKEE DIE CASTING 4132 N HOLTON MILWAUKEE, WI 53212

ATTN: BEN VERBURG (ARCADIS)

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from MILWAUKEE DIE CASTING (Fed EPA ID - WID006102305) on 12/3/2008 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 000155243VES. Veolia ES Technical Solutions, L.L.C. hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Sequence 1

Profile Number:

PTA057452

Veolia Tracking ID:

618469

Process

Veolia Unit ID Treatment Date

Generator #

Inter-Company #

Date CD Was Issued

INCINERATION

12/6/2008

WP1009145000001010

WP1009145000001010

12/9/2008

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Paul V. Conrad

Material Services Manager

Waste	CHARACTERIZATION	REPORT

☐ I authorize BQ — The Environmental Quality Con management from the technologies offered at the BQ	npany to ch } facilities i	woss the appropriate facility and method of waste dentified below.
	49350 N. 1-94 Phone: 800-59	Servico Drive, Belleville, MI 48111 EPA ID # MID 000 724 831 2-5489 Fax: 800-592-5329
Wayne Disposel, Inc. Site #2 Landful		Service Drive, Belleville, MI 48111 EPA ID # MID 648 090 633
C EQ Detroit, inc. (Sublization, Wastewater Treatment)		k Street, Detroit, MI 48211 EPA ID # MID 980 991 566 13-0080 Fax: 313-923-3375
WO Resource Recovery, Inc.	36345 Van Bo Phone: 866-3	m Road, Romaias, MI 48874 EPA ID # MID 060 975 844 73-8357 Fax: 734-326-4033
Solvent Accyling That Breating The Decommissioning (Stabilization, Treatment, Labrack Decommissioning)	1005 Investor	ent Bivd, Apex, NC 27502 EPA ID # NCD 982 170 292
KQ Flarids, Inc. (Drum Consolidation, Labpack Decommissioning)	7202 East 8" Phone: 813-6	Ave, Tampa, FL 33619 EPA ED # FLD 581 732 454 23-5463 Fax: 813-628-0842
☐ EQ Transfer & Processing (Drum Transfer/Universal Waste Handling)	2000 Ferry St Phone: 313-9	roet, Detroit, MI 48211 EPA ID # MIK 939 928 313 123-0080 Pax: 313-922-8419
EQ Indianapolis (Drum Transfer/Non-Hazurdous Waste Processing)	4000 West 10 Phone: 317-2	# Sixeet, Indianspolia, IN 45222 EPA ID # IND 161 049 309 47-7160 Fax: 317-247-7170
EQ Asiants (Drum Transfer/Non-Hazardous Waste Processing)	5600 Palton l Phone: 404-4	industrial Bivd SW, Atlanta, GA 30336
EQ Augusta, Inc. (Wastewater Treatment)	3920 Gothen Phone: 706-7	Industrial Blvd, Augusta, OA 30906 EPA ID # GAR 000 011 817 71-9100 Fax: 706-771-9124
Waste Common Name: PCB Impac	ted De	ebriS
		ustomer Information
SICNAICS 2363/33	1521	Internal Use Only: EQ Division
Generator EPA ID # WIDOOS 102305		EQ Customer No.
Generalor Milwauker Dir Casting	_	Involcing Company Veolin ES Technical Solutions
Facility Address 4132 N Holton	-	ABBRES WIZY NAYSI Boundary Rd
City Milator Ree State W/ Zip 53213		CHATTENERCHER FAILS WI ZIP 50051
County US/ Milway Kee		Country 05
Matting Address 126 North Jefferson S	_Sunte4co	Invoicing Contact Allan Kaunt 2
City Milway Kee Sun WI Zp 53202		Phone 363 155 6655 Fax 262 155 5794
Generator Courses BEN Ve V bavg	_	Phone 4H/236-7342 Per 4W/276-7603
Tille Consultant		
Phone 44/296-7740 Pex 414/296-760	22	Mobils Pager
*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Oulde		E-mail
Section 2 -		Packaging Information
2.1) Shipping Volume & Frequency 100 Cubit yes	onth	2.4) Packaging (check all that apply) [6] Rulk Solid (Ye' < 2000 lbs/ye') [7] Bulk Solid (Yes > 2000 lbs/ye')
2.2) DOT Shipping Name Polychlovinsted high	Mark'	☐ Bulk Liquids (Gallon) ☐ Total, Size
solid, 9, UN3432, II		Cubic Yard Boxes/Bags
2.3) is this waste surcharge exempt? Yes No if yes, please attach a surtharge exemption form, found in Section 2 of i Resource Oulds.	he EQ	Other (palledized, 5 gal. Pail, etc.) Quezed bulk disposed charges for solid materials will be billed by the cubic yard, if the worst density is less then 2,000fts feeble yard. If wake dentity is givener then 2,000 list feeble yard, then bulk disposed charges will be billed by the too, segminion of the approved consider.

Tracking #___

	······································		Section 3 - Phys	ical Chara	cleristics		
	. Varies		Secion 5 - 1 hy	3.2) Odor	_		
			 		•		•
3.4) Phys 3.5) Wha 3.6) Wha	this waste contain any ical State at 70°F; t is the pH of this waste it is the flash point of the this waste contain? (classification of the state of the state of the this waste contain? (classification of the state of the sta	.7 is waste? seck all the bants 'aste	☐ Amines ☐ Ammo	wder E	Liquid 5-10 140-199 ⁸ F Free Liquids Water Reactive	☐ Sludge ☐ 10.1-12.4 注 >200°F ☐ Oily Residue ☐ Biohazard	No □≥12.5 □ Metal Fines □ Alamisum aste □ Isocyanates
	(1) Managing - Bourts	eoic .	Section 4 - Waste Compos				- · · · · · · · · · · · · · · · · · · ·
			section 4 - truste Compos	шов ила С	enerming Fro	CEXI	
			se waste (i.e., soil, water, PPE, del	nit, key chem	ical compounds, e		
cebr	<u> </u>		to%	PCB_	······································		<u>™200 leblu</u>
Upad	plantiz me	14	100 to 108 %				to %
	than 3 kg					To	tal: 100%
			ocess generating this waste (attack	flow diagram	if available).	-7	
		-					
- 01	ankinn au	مار اد	contaminatio	is afa	fairma	المسايا والات	مال صرب
	cmrild an	$\frac{a}{1}$	Contaminario	11 21 6	LOTHIC	- ATAILIT	TAPI AIC
cas	sting bui	19 IN	¥				
			Section 5 - Is Thi	s Hazardo	us Waste?		
			lease refer to Section 5 of the EQ .	Resource Guli			
	rdned by 40 CFR, Par				_	st applicable weste	code(s):
5.1) lis chi	s an EPARCRA listed	hazardout	waste (F, K, P or U)?		No		
5.2) L thi	s en BPA RCRA chare	cteristic ha:	zardous waste (D001-D043)?	☐ Yes 💢	No		
5.3) Do a	ny State Hazardous Wa	ste Coder i	apply?	Jal Yes C	No PCE	<u> </u>	
	a waste intended for wi			☐ Yes* ¥	No		
-			5.3, please skip to Section 7. *(f)	•		attack the Words (Tomostanias don Danan
U y	OR BUT MAN TO SE 2.	t, 3,2, anu	Addendum found in Section			LINEAL TOTAL PROJECT	CONTRACTOR SCAPES
			Section 6 ~ H				
6.1) Doc	s this waste exceed Lan	d Discous!	Regriction levels?				□Yes 📜 No
•	6. (a) If this waste str	cam is grea	ter than 50% soil, does it meet the	alternative so	il treatment stands	nts of 40 CFR 268,	
e 25 25 45			eater than 50% debris, by volume:	(Debris is go	ater then 2.5 inch	es in size.)	NY Cas V No
	e waste an oxidizer (D0 s this waste contain read		ie > 250 pam (D003)?				☐ Yer ▲ No
6.4) Does	this waste contain seas	tive sulfide	c ≥ 500 ppm (D003)?				🖸 Yes 📜 No
			entrations are below or above the	egulatory leve	il. Picase indicate i	he basis used in the	determination. Bither
"Below"	or "Above" MUST be	checked for	reach constituent.				
		Based O	n: 🎉 Generator Kney	rledge	Axalysis*	☐ M8DS*	
		*Please at	tach a copy. Analysis or MSDS s	ure required i	or EQFL Non-ka	tardous wastes.	
	n 1-1-			I e.a.	. 10.		
Code	Regulato: TCLP (Concentration (if above)	Code		egniatory Lavai TCLP (mg/i)	Cancentration (if above)
D004	Arsenic	5	Ø Below □ Above	D024	m-Cresol	200	Below Above
D005	Bartom	100	Below 🗆 Above	D025	p-Cresol	200	10 Below D Above
D006	Cadmium	ī	Below Above	D026	Cresols	200	Below Above
D007 D008	Chromium Lesd	5 5	## Below Above	D027	1,4-Dichlorol 1,2-Dicholor		関 Balow 日 Above 風 Balow 日 Above
D009	Mercury	0.2	I Below □ Above	D029	1,1-Dichloro		Below Above
D010	Selenium	1	M Below D Above	D030	2,4-Dinitroto	luene 0.13	Below □ Above
D011	Silver Badda	5 0.02	Below Above	D031 D032	Heptachlor Hexachlorob	0.008 eazene 0.13	Below Above
D012 D013	Bndrin Lindane	0.02	Below D Above	D032	Hexacidorob		"M IDGIDM I'T VDOAC """
D014	Methoxychior	10	I Helow □ Above	D034	Hexachloroe	thane 3.0	Below [] Above
D015	Toxaphene	0.5	Below Above	D035 D036	Methyl Ethyl Nitrobenzene	Ketone 200	Below Above
D016 D017	2,4-D 2,4,5-TP (Silvez)	10 1	Below Above	D036	Pentachlorop		A Below D Above
D018	Benzene	0.5	Below Above	D038	Pyridine	5	R Below D Above
D019	Carbon Tetrachloride	0.5	Below Above Below Above Below Above	D039	Tetrachloroe		Below Above
D020	Chlordane-	0.03 100	Below Above	D040 D041	Trichlomethy		Below Above
D021 D022	Chlombenzene Chloroform	6.0	A Below Above	D042	2,4,6-Trichloro	phenol 2	Below Above Below Above
D023	o-Cresol	200	■ Below □ Above	D043	Vioyi Chlorid		Below D Above
A C. TA.			ste, does it contain underlying haz	urlans constin	ients?	•	☐ Yes M No
6.0) If th	is is a characteristic haz If yea, please list the	aruous was constituent	s in Section 11.	manae comann		•	- 100 Pa 140
	J J 100 Mar 4100						

	For	r a complete list of not	n-hazardous	waste code	z, piease re	jer to Secti	on 1 of the		eres det et	plicable v	racte carte:	
									Addition white make			
. i) la this a Mich	igan non-beza	<u>rdous</u> liquid industris	waste?			☐ Yes	No No					
.2) & this a <u>Univ</u>	eral waste?					☐ Yes	Mo No	-,,,,,				
		<u>wijty?</u> (e.g.: computer	monitors, fr	ec mercury.	dt.)	☐ Yes*	M No					
. Sis this waste	n recoverance i	petroleum product? Ined by 40 CFR Part 2	2797			☐ Yes*	M No					
		eastions 7.4 or 7.5 plac		Waste Cher	racierizado:			upd to Sec	tion 7 of the	BO Resea	rea Guide	
			Secti	lon 8 - T								=
		PCBs in the waste?					ns □ 6-4	19 ppm	26 50–199 p		00+ ppm	
		B contamination from d &.2, please skip to S		iu e conceut	urciou ≥ 20	hinu;			M Act	□ No		
3) Has this was	no no mar Massora nasalsi	eed into a non-liquid f	om?						☐ Yes	No No		
lí yes.	what was the	concentration of PCB	s prior to pro					D NA	□ 0-499)բարու 🗆	1 500+ ppm	
		s in the form of soil, r				nedia?			184 Yes	□ No		
		enufacturer or a PCB renaformer, bydraelie				rical emile	ment)		☐ Yes	No.		
		of all PCBs and decu							MN/A	☐ Yes	□ No	
			Section !	9 — Clean	Air Act	Informa	tion -	*** "				
SHAP SIC	9.1) la thia	waste subject to regul waste contain >500 pp	ietion under	40 CFR, Pa	er 63. Subp	art DD or	WCFR, Pr	rt 264, Su	ppert CC (f	(CRA)?	MasY □	J No
2836 2875	TYNEE IVE	revic Court Division Pour Par	a compete i	En of VOH	AP's plans	e see Sacel	– voring as II of the	a DE VOIA E EO Rem	use Organic krce Guido	- compoun	ing ACC.1	11)
2841 2879	9.2) Is the	nite, or waste, subject					☐ Yes, p				No	
2842 2891 2843 2892	9.3) Does (dia waste streem coci	alo Bennos	7			•	•		□ Yes	No	
2844 2593		wered "no" to 9.3, p& the waste stream come			ساعت مواسم و ساء ساعت مساعد م	- \$554 L	adpo Heio 4	tamid on abou	የጨማስት የ ድ	m v	EX NA	
2851 2895		Esperative source of I									□ No □ No	
2861 2899 2865 2911	ŀ	For emissance in cele	rate ting the T	FAB, pleese	see the TA	A Worksh						
2869 3312		vered "wo" to questio		.5, place th	the to Section	DA IO.				Market	M sv.	
2873 4953		the wates contain >10					Mg/Year			O Yes	□ No	
	[\$7)\U4	IN THE LAND PROPERTY IN	OF VOID PRESENT	11 V ?								
2874 9511		is the TAB quantry R the wasse commin >1.0					-			🛛 Yes	D _. No	
2874 9511	9.8) Does	the waste contain >1.0 Is the total Benzone c	enderstander Population	i Boazeno? In your we	sse7		_Perceut (or	ppinw.			
2874 9511	9.8) Does	the waste contain >1.0 Is the total Benzone c (Do not use TCLP)) mg/kg total oucestration malytical re-	l Bouzeno? In your wa sults, Accep	sse" stable labor	піоту выій	_Perceut i	e 8020, 82	40, 8260, 6			
2874 9511	9.8) Does	the waste contain >1.0 Is the total Benzone c) mg/kg total oucestration malytical re-	l Bouzeno? In your wa sults, Accep	sse" stable labor	піоту выій	_Perceut i	e 8020, 82	40, 8260, 6			
	9.9) Does 9.9) What	the waste constain >1.0 Is the total Benzene c (Do not use TCLP o *For a list of) mg/kg total oucestration malytical re-	Benzene? In your we sults. Accep is, please re	eset table labor far to Secti Blanding	atory meth on 9 of the g Inform	_Percent of Percent of	e 8020, 82	40, 8260, 6			
0.1) Is this west	9.8) Does 9.9) What e intended for	the waste contain >1.0 is the rotal Bensone of (Do not use TCLP of For a list of	moreg soul oucentration malytical re- NAKS code Section 1	i Bonzena? i in your was suits. Accep es, please re 10 — Fuel	ne7 Hable labor Har to Secti	niory melà on 9 of the g Inform 直 No	Percent of Percent of	e 8020, 82 ree Guide	40, 8260, 6	02 and 624	f.)	
O.1) Is this west	9.8) Does 9.9) What e intended for	the waste constain >1.0 Is the total Benzene c (Do not use TCLP o *For a list of	moreg soul oucentration malytical re- NAKS code Section 1	i Bonzena? i in your was suits. Accep es, please re 10 — Fuel	eset table labor far to Secti Blanding	os 9 of the g Inform B No Weter (_Percent ods includ BQ Reson atlon	e 8020, 52 ree Guide.	40. 8260. 6	02 and 624	f.)	
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Page 3 of 4



THE ENVIRONMENTAL QUALITY COMPANY

Generator Waste Amendment Wayne Disposal, Inc. (MID048090633) 49350 North I-94 Service Drive Belleville, Michigan 48111 November 6, 2008

Approval: J084110WDI

Generator: MILWAUKEE DIE CASTING (WID006102305)

C/O ARCADIS

126 N. JEFFERSON ST.

SUITE 400

MILWAUKEE, WI 53202

Customer: VEOLIA ES TECHNICAL SOLUTIONS LLC (005287)

Common Name: PCB IMPACTED DEBRIS

Waste Codes: PCB1

In the event that a waste stream composition changes before the annual update is required, the generator may use this form to amend the waste profile. (A new sample may be required.) Please note, if the process generating the waste has changed, a new Waste Characterization Report, sample and analytical must be submitted for a new waste stream approval.

Please provide a detailed description below of the change(s) to the waste stream.

Amendment: Please amend the above approval for the following due to further remediation/demolition work at the Milwaukee Die Cast facility:

0-75% Crushed RCRA Empty drums

0-80% Cardboard from Cubic Yard Boxes

0-75% Cut of Poly/Steel Tanks less than 3'X3'

0-25% PPE/Gloves/Tyvek/Duct Tape

0-50% Dirt/Floorsweepings (Note: Filtercake consistency)

0-10% RCRA Empty Opened Plastic Jugs (Note***One pint to one gallon-containers will be open as to be able to visually inspect inside to assure they are empty)

Any floor sweepings will be at a minimal concentration and may contain dirt, ash, rust, wood, leaves and/or glass. No dusting issues or metal shavings should be present.

1. Theres Slyman	Londannera
Authorized Generator Signature	Printed Generator Name
hereby certify that all information for the Approval listed a	bove is accurate and complete.
Company Name:	Date: 1/08/08

YOUR BUSINESS. OUR SOLUTIONS. A PRODUCTIVE PARTNERSHIP $_{\circledR}$

Mail or fax to: Wayne Disposal, Inc., 49350 North 1-94 Service Drive, Belleville, Michigan 48111, Phone: 1-800-592-5489 Fax: 1-800-592-5329

Rev. 8/05

Page 1 of 1

65456-1

Generator Waste Amendment
Wayne Disposal, Inc. (MID048090633)
49350 North I-94 Service Drive
Believille, Michigan 48111
October 29, 2008

Approval: J084110WDI

Generator: MILWAUKEE DIE CASTING (WID006102305)

C/O ARCADIS

126 N. JEFFERSON ST.

SUITE 400

MILWAUKEE, WI 53202

Customer: VEOLIA ES TECHNICAL SOLUTIONS LLC (005287)

Common Name: PCB IMPACTED DEBRIS

Waste Codes: PCB1

In the event that a waste stream composition changes before the annual update is required, the generator may use this form to amend the waste profile. (A new sample may be required.) Please note, if the process generating the waste has changed, a new Waste Characterization Report, sample and analytical must be submitted for a new waste stream approval.

Please provide a detailed description below of the change(s) to the waste stream.

Amendment: Please amend profile for 1 time only to include open-ended empty drums. These empty drums are located at the same generating site and were included in the load as a precautionary measure. While loading the PCB debris into the roll-off the crew felt that the drums may have been contaminated with PCB dust, and felt it best to include them in the bulk load of PCB debris.

Theresa a. Lyman, THERESA A. SLYMAN

Authorized Generator Signature

Printed Generator Name

hereby certify that all information for the Approval listed above is accurate and complete.

Company Name: Landsvarier Date: 10/39/08



Generator Approval Notification

October 20, 2008

Customer: VEOLIA ENVIRONMENTAL SERVICES

Fax: (262) 255-7990

ENVIRONMENTAL MANAGER MILWAUKEE DIE CASTING C/O ARCADIS 126 N. JEFFERSON ST. SUITE 400 MILWAUKEE, WI 53202

RECEIVED

OCT 29 2008

ARCADIS

This Generator Approval Notification acknowledges the acceptability of waste material(s) into the EQ environmental protection facility identified below and ensures that this facility has the appropriate permit(s) issued by federal and state regulatory agencies to properly transport, treat, and/or dispose of the waste material(s).

EO FACILITY:

Wayne Disposal, Inc. (MID048090633)

49350 North I-94 Service Drive, Belleville, Michigan 48111

Approval Number: J084110WDI

Generator EPA ID: WID006102305

Expires On: 10/13/2009

Waste Common Name: PCB IMPACTED DEBRIS

Comments: Must use PCB1 on Manifest, No Free liquids. Schedule into Wayne. 100 Yards One time only

Primary Waste Code: PCB1

Secondary Waste Codes:

The Approval(s) listed above are based upon characterization information supplied to EQ by the Customer and the generator (if other than the Customer). The Customer is ultimately responsible for the accuracy and completeness of all such information, whether provided by the Customer or the generator. The Customer must notify the EQ Resource Team immediately upon knowledge of any changes to this information. This Approval and all wastes which are transported, delivered, or tendered to EQ under this Approval shall be subject to the attached Standard Terms and Conditions.

The Approval(s) will expire on the date(s) noted. Any new Approvals obtained from EQ on future business will be valid for a period of one (1) year from the date of issuance. Within 60 days of the Approval Expiration Date, you will be notified of the requirements for recertification.

Rev. 8/05

(4.260) Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 4. Manifest Tracking Number 3. Emergency Response Phone 2. Page 1 of Generator ID Number UNIFORM HAZARDOUS 3777. 818-00R WASTE MANIFEST Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address MILYANUYEE NA SIGNA Generator's Phone U.S. EPA ID Number Transporter 1 Company Name 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address end egginady RELLEVILLE, AP excel Facility's Phone: 10. Containers 12. Unit 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 13. Waste Codes Quantity Wt./Vol. Type and Packing Group (if any)) НМ GENERATOR BILL GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Day Month Year Generator's/Offeror's Printed/Typed Name Signature 16, International Shipments Port of entry/exit: Export from U.S. Import to U.S. Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials -Year Transporter 1 Printed/Typed Name TRANSPORT MIKEREI Month Transporter 2 Printed/Typed Name 18. Discrepancy Full Rejection ___ Partial Rejection 18a. Discrepancy Indication Space Residue Quantity Manifest Reference Number U.S. EPA ID Number 18b. Alternate Facility (or Generator) Facility's Phone: Month Day 18c. Signature of Alternate Facility (or Generator) **DESIGN** 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated, Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Day

Printed Typed Name

FOR MANIFESTED PCB WASTE

has been landfilled on 2000 in accordance with all local, state and federal regulations by: Line Item This certificate is to verify the wastes identified as and specified on Manifest # (1001 5724

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111 Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

1001 and 15 U.S.C. 2615), I certify that the information contained in or accompnying this document is true, accurate and complete. As Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are(acting)under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

FOR MANIFESTED PCB WASTE

I have certificate is to verify the wastes identified as	
and specified on Manifest # UUUIDILIM, Line Item	_has been landfilled
$11/3$, $200\sqrt{3}$ in accordance with all local, state and federal regulations by:	ral regulations by:

on

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111 Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompnying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify thath and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the venification that this information is true accurate and complete.

Authorized Signature:

Plea	se print or type. (Form desig			ter.) 🗼 👾	<u>ي</u> د					Approved. ON	IB No. 20	050-0039
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	Facility's Phone:			1864 14 K	a sale at low				f 45 73	C 2 0 1		3 K
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	ADDENDUM ATT	ACHED FOR	ADDITIONAL	TSOM INPORM	ATION - EF	Service Co	intracted	By VESTS				
$\ \ $	15. GENERATOR'S/OFFER	OR'S CERTIFICATI	ION: I hereby declare fl	hat the contents of this o	onsignment are ful	y and accurately o	described abov	e by the proper sh	ipping name	e, and are classif	ed, packad	ged,
	marked and labeled/place	arded, and are in all	I respects in proper con-	dition for transport accor	ding to applicable i	nternational and na	ational govern	mental regulations.	. If export sh	nipment and i am	the Primar	ry
$\ \ $	Exporter, I certify that the I certify that the waste m	e contents of this cor inimization statemer	nsignment conform to that identified in 40 CFR 2	ne terms of the attached l 262.27(a) (if l'am a large	EMA Acknowledgm quantity generator	ent or Consent. For (b) (if I am a sr	nall quantity or	enerator) is true.				
	Generator's/Offeror's Printed/		The state of the s		Signature			2		Month	Day	Year
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FACILITY	18b. Alternate Facility (or Ger	nerator)			•			U.S. EPAID	Numbel			
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FA	Facility's Phone:		4							1 842.2	, P	V
E	18c. Signature of Alternate Fa	acility (or Generator)	+							Mont	n Day	Year I
DESIGNATED		4										
9	19. Hazardous Waste Report	Management Metho	od Codes (i.e., codes fo	r hazardous waste treatn	nent, disposal, and	recycling systems	s)					
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	20. Designated Facility Owne	er or Operator: Certif	fication of receipt of haz	ardous materials covered	d by the manifest e	xcept as noted in t	tem 18a					
	Printed/Typed Name			1	Signatur		The party of			Mont) Day	Year
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FOR MANIFESTED PCB WASTE

25 Solid This certificate is to verify the wastes identified as

and specified on Manifest # 000155046 VES Line Item ____ has been landfilled on

200% in accordance with all local, state and federal regulations by: NOV., 20

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Felephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

1001 and 15 U.S.C. 2615), I certify that the information contained in or accompnying this document is true, accurate and complete. As Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information s true accurate and complete.

Authorized Signature:_

THE EN

263 68,180 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved, OMB No. 2050-0039 4. Manifest Tracking Number 000155047 VES UNIFORM HAZARDOUS 1. Generator ID Number 2. ₱age 1 of 3. Emergency Response Phone WASTE MANIFEST WID 0.06102385 (577) \$18-00S Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address DEC 01 2008 MILIVALUKEE, VA 53240 444 (27-523) Generator's Phone: U.S. EPA ID Number 6. Transporter 1 Company Name OKD 98/55879/ U.S. EPA ID Number U.S. EPA ID Number 8. Designated Facility Name and Site Address WAY THE DISPOSAL INC. 49350 IN 1-94 SERVICE DRIVE. Stat 802-8488 BELLEVILLE, MI 48/HT M 1 5 4 4 8 6 8 5 6 8 7 Facility's Phone: 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 12. Unit 13. Waste Codes Wt/Vol. and Packing Group (if any)) Quantity НМ No. 1 1. UBRREZ POLYCH ORMATED BEHENVLS, SOUD, GRIL PORFOLYCHLORMATED BEHENVLS, TV GENERATOR 14. Special Handling Instructions and Additional Information

13. APPROVAL AND S4110 WOLLD (#60238/PCB IMPACTED DEBRIS) 4- BILL TO: VESTS-CVD, PO #37485, OUT-OF-SERVICE DATE: 11/4/66 UNIQUE CONTAINER 10#

ADDENDUM ATTACHED FOR ADDITIONAL TEXA INFORMATION - ER Service Contracted by VESTS 14. Special Handling Instructions and Additional Information 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name THERESA SLYMAN 16. International Shipments Export from U.S. import to U.S. Port of entry/exit: Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials TRANSPORTER Transporter 1 Printed/Typed Name, MINCHELL LIMIGO Transporter 2 Printed/Typed Name Signature 18. Discrepancy 18a. Discrepancy Indication Space Quantity Type Residue

Actual Weight 3245 & Veolia ES 45 Agent Manifest Reference Number: 11-18-08 RW 18b. Alternate Facility (or Generator) FACILITY Facility's Phone: DESIGNATED Month Day 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H131

Printed/Typed Name

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Month

Day

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as

and specified on Manifest # 200155047065, Line Item _ has been landfilled on

200% in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

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Authorized Signature:

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CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111 Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

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Authorized Signature



ALTERNATE FUELS

Profile No. TBD

(This number must appear on manifest)

MLICKNAIE FUEL	s profile si	EET Page 11	42	Contract of the Contract of th	
A. GENERATOR INFOR			B. BILLING INFORMATI	riki	
SENERATOR NAME: M	liwaukee Die Cast	*	GOMPANY (IF DIFFERE		
	/ID006102305		BILLING ADDRESS:	A 1 A A A A A A A A A A A A A A A A A A	a Solutions
ACILITY ADDRESS: 4	132 North Holton		Dicting ADDIEGS.	W124 N9451 Bound	ary Road
***	lwaukee, WI 53212			Meximonea Falls, V	(1,53051
		- 1,6121.11.12			
		grading and the s	TECHNICAL CONTACT:		
CILITY CONTACT: B	ton Maillet &	lerburg/	BILLING CONTACT:	Allan Kountz	
IONE: (414)744-9808	774 FAX:1	1	PHONE: (262)255-6855	Allan Koustz	
AERGENCY 24 HR #;	-7742		EMERGENCY 24 HR #	FAX:()_	
nat are the two primary incess description: Purery beeignated Disported in the description of the descriptio	aller Southle Oil constituents? W intening of storage far sel Facility: GodorOily CodorOily CodorOily State	as (DOT) Actor Soluble Liquid is from Aluminum E Cape Grarde Con Cape Grarde Con Con Con Con Con Con Con Co	Die Casting operation I MO Casting operation I MO Casting Greencastle, IN Cating Im Cother Specify if other going business PS One Tim 200 F Viscosity 200 e the estimated concentration of the of (Pb) COSO ppm omtum (Cr) CASO ppm cury (Hg) COSO (Oppm allum (TI) ppm	Cps pt tollowing metals (Total) Cadmium (Cd) / C Arserdo (As) / C Artismony (Sb) Beryllium (Sa)	4-10 2 Dom 2 pon 2 pon 2 pon 2 pon 2 pon 3 pon 3 pon 3 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 4 pon 6 pon 6 pon 6 pon
HEMICAL COMPOSIT	NON (List all organ	ile components in	u yes, at what demperature if treated in accordance with the provi us average benzerie concentration if the waste stream, Account for 1	ppm	
CHEMICAL COMPOSIT ippound Water Soluble Selenkum	real responsibility		and the property of the control of t	ppm	Percentage
Water Soluble Selenkun	Oil	ilic components in Percentage 100%	the waste stream, Account for 1	ppm	Percentage
Water Soluble Selenkum RRANTIES AND CERT	DECATIONS	ale components to Percentage 100% 0-2 parn	the waste stream, Account for 1	ppm	Percentage
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Water Soluble Selentum RRANTIES AND CERT following substances w gicel wastes zifous wastes socitive meterials som PCB's are used in thi ed in 40 GFR 261.3, (9), in itied as PCB's. Substance, is ances, including impuritel y ships PCB's to our facili star Alternate Fuels for de ital for a contaminate in ital in a contami	IFICATIONS IFICATIONS If not be accepted as TOSCA regulated in Evaluating the product as valuating they be product that are requirated by the product as and by product. It is ity will be subject to cave consolidate not contail the CP's from a source sposal dose not contail the CP's from a source sposal dose not contail the CP's from a source sposal dose to contail the CP's from a source sposal dose to contail the CP's from a source sposal dose to contail the CP's from a source sposal dose to contail the CP's from a source the source of the source the contail the contail the CP's from a source the contail the contail the CP's from a source the contail the contail the contail the contail the contail the contail the contail the co	ate components in Percentage 100% 0-2 ppm 0-2 ppm se an alternative fuel of materials (400 ppm) in control of the ppm in the process which a fix rule include, but a process which a fix rule include the control of ppm in rules full for Lone State in early of the store any a homitose face over the process of the store of the store any a symmetry tream, any eignificant tream, any eignificant	by Lone Star industries. Reactive cyanidates and committees are and combinations of substances in the contained as a result of spills, and the committee in th	ppm 10%) 10%) 10%) 10% 10% 10% 10%	Percentage Delives Deprim Mercury Inpulible Materials of PCD's as ase Inter shall be solu, feet transfer as or combination of who knowingly or is transferred to sect that the transferred to and heraby
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Water Soluble Selentum RRANTIES AND CERT following substances w yellowing substances yellowing yello	IFICATIONS IFICATIONS If not be accepted as TOSCA regulated in Evaluating the product as valuating they be product that are requirated by the product as and by product. It is ity will be subject to cave consolidate not contail the CP's from a source sposal dose not contail the CP's from a source sposal dose not contail the CP's from a source sposal dose to contail the CP's from a source sposal dose to contail the CP's from a source sposal dose to contail the CP's from a source sposal dose to contail the CP's from a source the source of the source the contail the contail the CP's from a source the contail the contail the CP's from a source the contail the contail the contail the contail the contail the contail the contail the co	ate components in Percentage 100% 0-2 ppm 0-2 ppm se an alternative fuel of materials (400 ppm) in control of the ppm in the process which a fix rule include, but a process which a fix rule include the control of ppm in rules full for Lone State in early of the store any a homitose face over the process of the store of the store any a symmetry tream, any eignificant tream, any eignificant	in the waste stream, Account for 1 Compound Compound Compound Compound The Compound Reactive sufficients of substances the contains less than 50 ppm PCB's because not similar to discount founds, contains and combinations of substances the contains less than 50 ppm PCB's because not similar to discount founds, contains and combinated as a result of spills, and at Atomate Fuels to receive PCB's. Any maintained prosecution. The generator further and the print prosecution for the compound for the compound that the compound is the second discount further than 40 ppm when means in greater PCB's. The generator further is greater PCB's. The generator further is greater or the fuel to the second discount for the compound of the second discount for the second compound in all respects and first all incomposition in all respects and first all incomposition in all respects and first all incomposition in all respects and first all incomposition in all respects and first all incomposition in all respects and first all incomposition in all respects and first all incompositions.	ppm 10%) 10%) 10%) 10% 10% 10% 10%	Percentage Delives Oppm Mercury Inpatible Materials of PCS's as as latter shall be solls, feet transfer as or combination of who knowlnelly or is transferred to sect that the transferred to and heraby

EPA WASTE CODES FOR:

(indicate with an 'X' beside waste codes to be sent)

PROFILE NO. Page 2 of 3

TBD

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D001	F007	- Automatical Control	K109 2	P010	4 P068	'4 U002	U055	U107	U158	71 127
D602	F008	12 K037	K110 2	P011	F069	U003	U056	U108	U159	
D003	F009	'2 K038 '	² K111	P012	P070	Loos	U057	U109		U21
D004	F010	12 K039 Z	K112	P013 1	P071	^{1,2} U805	U058		100	and the second
D005	F011	¹² K040 ¹	2 K113	P014 1	P072	U006	U059		U161	U210
D006	F012	2 K041 2	K114	P015 1	P073	12 U007	U060	n111	U162	U217
D007	F019	¹² K042 ³	K115	P016 1	P074	uous	U061	U112	U163	
D008	F024	K043 *	K116	P017 1	P075	- U009		U113.	U164	
D009	F025	² K044 ²	K117	P018 1	P076	12 U010	The same of the sa	- Security	U165	Uzzt
X D010	F032	2 K045	K118	P020 ¹	P077	Uorr :		U118		U221
D011	F034	K046 2	K123 2	P021 1	P078	U012	1	U116		U222
D012 1	² F035	K047	K124 2	P022 1	P081	2 U014 P	U066	U117		U223
D013	F037	K048	K125 2	P023 ¹	P082	U015 3	U007	U118	U169	U225
10014	F038	K049	K126 2	P024 1	P084	- Continues - Cont	The state of the s	U119	U170	U226
D015 1	F039	K050	K131	P026 1	P085	U016	L 1/069	U120	U171	U227
D016 1	4	K051	K132	P027 1	P087	U017	U070	U121	U172	U228
D017 '	* K001	K052	K138	P028			U071	U122 '	U173	U234
D018	K002	K060	K141	P029 12	P088 1	2 U019	U972	U123	U174	U235
D019	K003	K061	K142	P030 12	P069	² U020	U073	U124 1	U176	U236
D020	* K004	K062	K143	P031 12	P092 '	U021	U074	U125	U177	U237
10021	K005	K064 ²	K144	P033 12	P093	U622	U075	U126	U178	U238
0022	K006	K065 2	K145		P094 1	U023	U076	U127	U179	U239
D023	K007	K066 *	K147	P034 1	P095	U024	U077	U128	U180	U240
D024	K008	K069 2	K148	P036 1	P096 1	U025	U078 '	U129 1	U181	U243
D025	K009	K071 12	K149	P037 12	P097	U026	U079	U130	U182	U244
D026	K010	K073 12	K150	P038 12	P098 '	U027	U080	U131	U183	U246
D027	K011	K083	K151	P035 12	P099 1	U028	U081	U132	U184	U247
D028	K013	K084 ²	Contract of the last of the la	P040 '*	P101 '	U029	U082	U133 12	U185	U248
D029	K014	K085	K156 °	P041 12	P102 [!]	U030	U083	U134 1	U186 1	U249
D030	K015	K086	K157 '	P042 '*	P103 ¹	U031	U084	U135 12	U187	U271
D031 12	K016	K087	K158 ? [P043 1	P104 1	U032	U085	U136 ²	U188	U278
D032	K017	K088	K159 ²	P044 12	P105 1	U033	U086 F	U137	U189	U279
D033	K018		K161 '	P045 12	P106 ¹²	U034 ²	U087	U138	U190	U280
D034	K019	K090 2	K169	P046 '	P107 1	U035 ²	880U	U140	U191	U328
D035	K02D	K091 2	K170 [P047	P108 ''	U036 12	9800	U141	U192	U353
D036	K021 12	K093	K171	P048 ' [P109 1	UG37	U090	U142 7	U193 ²	U359
D037	K022	K094	K172	P049 12	P110 ¹	U038	U091	U143 2	U194	U364 -
0036	K023	K095	K174 ²	P050 '-'[_P111 '	U039	U092 1	U144	U196	U367 ²
D039		K096	K175 ² [_	_ P051 '2	P112 12	U041 1	U093	U145	U197	U372 ²
D040	K024 K025	K097 12	K176	P054	_F113 '*	U042	U094	U146	U200 2	U373 ⁷
D041		K098 12	_K177 [P056 12	P114 12	U043 14	U095	U147	U201	U387 ²
D042	K028	K099 ²		_P057 12	P115 12	U044	U096 ?	U148	U202	
D043	KD27	K100 *	P001 1-2	P058 12	P116 1	U045	U097 2	U149	U203	U389 ²
- 1043	K028	K101 ²	P002 '	P059 12	P118	U046	U098 12	U150 ²		U394 ²
E004	K029	K102 ²	P003 1	_P060 12	P119	U047	U099 ?	U151 12	U204 ² U205 ²	U395 ²
F001	K030	K103	P004 12	_P062 1	P120	U048	U101	U152		U404 ²
F002	K031 ²	K104	P005 1	_P063 '2	P121 12	U048	U102	U153	U206 ?	U409 2
F003	K032 '	K105	_P006 12	P064 12	P122 12	U050 2	U103	U154	U207	U410 *
F004	_ K033 ² _	K105 12	_P007 1	P085 12	P123 12	U051	U104	U155 2	U208	U411 2
F005	K034 ² [K107 ²	P008	P066 12	—	U052	U105		U209	
F006 '	K035	K108 ²	P009 12	P067	uoon i		× 174	U156*	U210	

¹ Indicates limited acceptance and notification prior to shipment is required.

Waste code modifications must be done in writing with advanced notice and approval. Generator Certification:

Name: THERESA SLYMAN

reren Slyman

Title: Landowner

² Indicates acceptance into Greencastle only.



ALTERNATE FUELS

TBL

Page 3 of 3

CAS	Compound	Synoxym	Msy Be Presant (Clack bay)	Notification Threshold (1b)	Rejection Threshold (lb)
57-14-7	I,I-Dimethylhydrazine		• • • • • • • • • • • • • • • • • • • •	3,750	15,000
504-60-0	(.3-Pentadiene			2,500	10,000
75-07-0	Acctaldehyde	Valley of the state of the sta	- H	2,500	******
07-02-8	Acrolein	2-Propenal		1,250	10,000
(07-13-1	Acrylonitrile	2-Propensativile	H	5,000	5,006 20,000
107-18-6	Alivi alcohol	2-Propon-1-ol		3,750	
S-15-0	Carbon disulfide		- H	5,000	15,000
57-66-3	Chiomform	Trichloromethane		5,000	20,000
42-86-I	Chloromethyl ether	Oxybis[chlosu] methane		250	20,000
07-30-2	Chlaromethyl methly ether	Chloromethoxy methane	- 17 -	1,250	1,000
1170-30-3	Crotonaldeliyde	2-Bulenal		5,000	5,000
60-19-5	Cyanogen	Etisaedinstrite		2.500	20,000
06-77-4	Cyanogen chloride			2,500 2,500	10,000
24-40-3	Dimethylamine	N-methyl-methanamine	er var et i i i i i i i i i i i i i i i i i i i		10,000
06-89-8	Bnichlarohydrin	Chloropethyl oxinate	, casa a a a a 34 di	2,500	10,000
5-00-3	Ethyl eblocids	Chloroctione		5,000	20,000
0-29-7	Ethyl ether	1,1'-Oxyrbis atliane		2,500	10,000
51-56-4	Ethyleneirnice	Azindine		2,500	10,000
5-21-8	Ethylene oxide	Oxyana		2,500	10,000
782-41-4	Fluorine	CAPAIG		2,500	10,009
0-00-0	Formuldetryde (solution)			250	1,000
10-00-9	Puren			3,750	15,000
02-01-2	Hydraxina			1,250	5,000
4-90-8	Hydrocyanic acid	e seeling. By the property of the seeling of the se	e na salah dari dari dari dari dari dari dari dari	3,730	15,000
664-39-3	Hydrogen fluoride/Hydrofluorio	450 Marie 18050		625	2,500
783-06-4	Hydrogen automerryanimiena Hydrogen sylfide	acin (cone. >= 3075)		250	1,000
26-98-7	Methacrykmirjis	2-Methyl-2-propeneutrike	Prefer na esta a como o	2,500	10,000
4-87-3	Mothyl chloride	Chloromethane	in recursion on a section	2,500	10,000
9-22-1	Methyl chloroformate			2,500	10,000
0-34-4	Methyl hydrazine	Carbonochloridic acid, methylester	<i>alla de la colo</i> <mark>1924 e el estado.</mark> Canada de la colo el el el el el el el el el el el el el	1,250	5,000
24-83-9	Methyl Isocyanate			3,750	15,000
4-93-1	Methyl mercaptan	Methane, isocyanato- Methanethiol		2,500	000,01
3463-39-3	Nickel cerbonyl	PAICEMBCIDIOI		2,500	10,000
0102-43-9	Naticoxide	38500 A210		250	1,000
5-44-3	Phospine	Nitrogeza Oxide		2,500	10,000
803-51-2	Phosphine	Carbonic dichloride		125	500
07-12-0	Propionitrile	Hydrogen Phosphide		1,250	5,000
5-55-8		Propanentitile		2,500	10,000
09-14-8	Propyleneimine Tetranitromethane	2-Methylaziridine		2,500	10,000
43*13*6				2,500	10,000
6471-62-5	Tolvene diisocyanate (unspecifis monomer)		r=-a		
5-01-4		1,3-Diisocyanatomethyl beazene		2,500	10,000
5-01-4 5-35-4	Vinyl chloride	Chiloroethene		2,500	19,000
08-05.04	Vinylidene chloride	I,I-Dicklord ethene		2,500	10,000
せんけいしゅ	Vinyl Acctate Monomer	Acetic Acid Etymyl cater		3,750	15,000

凶	Waste to be shipped in Lone Star Alternate Fuels does not contain any listed RMP chemicals that exceed any of the above threshold quantities.
	Waste to be shipped to Lone Star Alternate Fucls may comain listed RMP obemicals that exceed the notification threshold quantity. Advance notice is required of any RMP chemicals shipped to Lone Star Alternate Fucls that exceed the above specified limits. Material that exceed the rejection threshold will not be accepted.
Signature:_	Therena Alegoran :: Date: 11/27/18
Company:_	





CONFIRMATION LETTER

December 2, 2008

Mr. Robert Leszczynski Veolia ES – Industrial Services 1215 Klement Street Fort Atkinson, WI 53538

Re: Confirmation Letter for Water Soluble Oil Profile

Attention: Mr. Leszczynski

We are pleased to confirm Veolia ES – Technical Solutions, L.L.C. (VESTS) - Controlled Waste Division's approval of your waste material as described below. The attached profile for the waste materials was prepared by Controlled Waste Division based upon information provided by you. It is important that no changes be made to the profile without Controlled Waste's consent. If the profile meets with your approval, please call 1-800-255-5092 to schedule shipment of your waste materials.

VESTS Profile Number: 62536

Approved Mgmt. Facility:

VESTS Controlled Waste Division or another VESTS approved facility

Waste Name:

Water Based Oil

Disposal Method:

Energy Recovery

Profile Expiration Date:

12/02/09

Special Conditions:

All loads must be scheduled forty-eight(48) hours in advance.

Damaged and leaking containers will not be accepted.

A signed and completed Land Disposal Notification and Certification must accompany each shipment, if the waste is hazardous as per RCRA.

Veolia Environmental Services - Technical Solutions, LLC W124 N9451 Boundary Road Menomonee Falls, WI 53051 Tel: 262-255-0863 • Fax: 262-255-5794



*Loads outside minimum requirements are subject to surcharges and may require special scheduling. Surcharge ranges will be based on all or a portion of the percentage increment. Loads with a BTU value less than 2500/lb and/or <40% solvents will be rejected back to the customer, or to an alternate TSD of the customer's choosing.

The customer will be responsible for all transportation arrangements and costs, including demurrage costs incurred while on Lone Star Property. Material with less than 2500 BTU/lb will be rejected back to the customer or an Alternate TSD that the customer chooses. Material must be less than 180 degrees Fahrenheit at time of receipt and must be pumpable (less than 1000 cps).

Applicable state and local taxes are included in these disposal prices. All wastes are priced as profiled, invoiced as actually received. Invoices shall be paid no later than thirty (30) days from the date of receipt. All terms are governed by the Agreement previously executed between our companies. The prices quoted above are subject to change by VESTS upon thirty (30) days' prior written notice to you unless otherwise specifically provided or per the terms of our Agreement. If we have not previously concluded a Service Agreement with your company, one is enclosed for your convenience. Please sign and return it to us as soon as possible. Also, if you have not signed the Waste Profile Sheet, please sign and return it before scheduling your material.

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

Allan G. Kountz

Allen of the

Veolia Environmental Services - Technical Solutions, L.L.C. - Controlled Waste Division



DESIGNATED FACILITY TO GENERATOR

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

The standard and the st

P.O. Box 486, Greencastle, IN 46135 (765) 653-8816

Certificate of Thermal Destruction

MILWAUKEE DIE CAST Generatori 4132 NORTH HOLTAN Address: MILWAUKEE, WI 53212

MIWAUKE Greencastle WDF Facility, received waste from: DIE CAST identified as:

Greencastle Load No: Profile No: Manifest Number:

And hereby certifies that this material was subsequently destroyed in accordance

with the requirements of 40 CFR 268.42 on or about 12/16/2008.

22240

Ibs Received.

000155244ves

LS02890

51721

Crown Chrimpoly

Title:

Signed:

Alternate Fuels Manager

12/17/2008

Date:

Veolia ES Technical Solutions L.L.C.

WASTESTREAM INFORMATION PROFILE

_ Recertif	fication					Disposal Code
Invoice	Veolia ES Location		_S FACILITY FICE	MENOMONEE F	ALLS <u>WI</u> ST	552 476
Veolia ES TSDF	requestedTechnolog	y requested	Generator No	. <u>427951</u> Ge		WID006102305
	Ame MILWAUKEE DIE CASTING				or State No.	
Address <u>413</u> City MILWAU		· -	State UI	Country US	tate Wastestream No ZIP <u>5321</u>)
	Code 3363 331521	Sou	rce <u>Gll</u> Orig	in 1 Form	ZIP <u>5321</u> W110 System Typ	oe
2. Waste Name	CAUSTIC LIQUID WITH PCBS				Lab or Waste Area	
3. Process Gen				•		
	me WASTE CAUSTIC ALKALI L	IQUIDS, n.o.s.				
Hazard Class RQ Des: 1,000	s <u>8</u>	<u> 11</u>	2	POLYCHLORINATED	BIPHENYLS	IH: N DWW: N P: N
DOT Des: 1. <u>SOD</u>	IUM HYDROXIDE		2.			
	Non Wastewater X	Sub Category			·	Mix: <u>N</u> Sol: <u>N</u>
pH a	c 1.0 d 1.0 - 1.2 e > 1.2 act 1.0 - 1.5 exa State a air id	b c d e act f Hazardo reactive reactive ide reactive	80 - 100100 - 140140 - 200no flash us Characteristicsradioactshock setempsen	exact exact ive or NRC regularistive sitive zation/monomer cinogen us	5% suspended	0 - 0 % water solubili - 1000 BTU/lb 95 -100 % 0 - 0 % Odor e d ong
Layers: a_	multilayered:	b bi-	layered:	с_	X single phase	
Viscosity by Layer:	Top Layer high(syrup) medium(oil) _X low(water) solid		Second Layer high(syrup) medium(oil) low(water) solid		Bottom Layer high(syrup medium(oil low(water) solid	
·	·—		page 1			VIP NO. <u>62177</u>

Veolia ES Technical Solutions L.C.

NASTESTREAM INFORMATION PROFILE

Themical Composition [M-Marine Pollutant, S-Severe Marine Pollutant, O-Ozone D	Depleting Substance.		
U-Underlying Hazardous Coristituent, B-Benzene NESHAP, T-T	RI Chemical, C-CSHA	Carcinogen]	
Constituents	Rang	es Units	
S.T.U. POLYCHLORINATED BIPHENYLS (SHIPMENT BY HIGHA)	Y) CIGHTI MIVIU	GGI FEE DOL	
SOUTUN HYDROXIDE	as ridoto larvini		MI
WATER			1
ther:		80,00 100,00	<u>%1</u>
Is the wastestream being imported into the USA?	M= 11:- 'su'		
Does the wastestream contain PCBs regulated by 40CFR?	Yes No X		
PCB Concentration 500700 ppm	Yes X No_		
). Is the wastestream subject to the Marine Pollutant Regulations?	XF 41 44		
1. Is the wastestream from an industry regulated under Benzene NESHAP?	Yes No_X		
If yes:	Yes No_X		
Is the wastestream subject to Natification/Control Requirements?	Yes No_X		
Benzene Concentration		DDM	
Does it contain >= 18% water?	Yes HoX	Hiban	
What is the TAB at your facility?		Mg/Yr	
?. Is the wastestream subject to RCRA subpart CC controls?	Yes No X	rige H	
Volatile Organic Concentration	.00	account.	
CC Approved Analytical Method?	Yes No X	Alma	
Generator Knowledge?			
. Is the wastestream from a CERCLA or state mandated cleanup?	Yes No X		
PANIE JOS	Yes No_X		
Container Information : DM 55 Wefs			
eckaging: 557A1 301702 Type/Size: \$ 30 GAL CLOSED HEAD DLASTHE DE			
	Talki ka 👊		
III3 Type/Size 867	111216E		
	1113/08	And the second	
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113/0 Jype/Size: 877 Per Neek Per Month	///3/0% Per Otr <u>Per Yea</u> r	One Time X	
///Jog/ype/Size: 7173/06 Per Day Per Week Per Month.		One Time X	
///Jog/spe/Size: 207 173/05 175/05		One Time <u>X</u>	- The Control of the
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115/08 ype/Size: 277 173/06 1pping Frequency: Units 2.00 Per Day Per Week Per Month UGM DRUMS DESCRIPTION:		One Time X	in the state of th
TIBLOS Type/Size: 2017 TIT 3 0 F TIPPING Frequency: Units 2.00 Per Day Per Week Per Month UCM DRUMS DESCRIPTION:		One Time X	
115/08 ype/Size: 277 173/06 1pping Frequency: Units 2.00 Per Day Per Week Per Month UGM DRUMS DESCRIPTION:		One Time X	
### Per Month 1990		One Time X	
III) Jype/Size: 71/3/06 1pping Frequency: Units 2.00 Per Day Per Week Per Month UGM DRUMS DESCRIPTION:	Per Otr Per Yea		
INSTANCE CERTIFICATION hereby certify that all information submitted in this and all attached documents.	Per Otr Per Yea		ons of th
IIS/OF Jype/Size: TITS/PF TIT	Per Otr Per Year	d accurate descripti	
INSTANCE CERTIFICATION hereby certify that all information submitted in this and all attached documents. Any sample submitted is representative as defined in 40 CFR 261 - Appending and the possession of the generation regarding known or suspected hazards in the possession of the generation.	Per Otr Per Year	d accurate descripti	
113/0/Jype/Size: 8/1/3/06 Per Day Per Week Per Month_	Per Ohr Per Year ents contains true an fix I or by using an rator has been disclo	d accurate descripti	
IID/Og/ppe/Size: TITJIPE IID/Og/ppe/Size: TitJIPE IID/Og/ppe/Size: T	Per Ohr Per Year ents contains true an fix I or by using an rator has been disclo	d accurate descripti	
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IIS/ON JUNE 12.00 Per Day Per Week Per Month UCM DRIMS DESCRIPTION: Additional Information: MERATOR CERTIFICATION hereby certify that all information submitted in this and all attached docume aste. Any sample submitted is representative as defined in 40 CFR 261 - Appending matter regarding known or suspected hazards in the possession of the generally waste shipment for purposes of recertification. THECESA SLYMAN 330-722-5099 Name(Print or Type) Phone	Per Ohr Per Year ents contains true an fix I or by using an rator has been disclo	d accurate descripti	
INSTANCE CERTIFICATION MERATOR CERTIFICATION hereby certify that all information submitted in this and all attached documents. And sample submitted is representative as defined in 40 CFR 261 - Appending the Appending Appending to the procession of the generally waste shipment for purposes of recertification. THERESA SLYMAN 330-722-5097	Per Ohr Per Year ents contains true an fix I or by using an rator has been disclo	d accurate descripti	

If approved for management, Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

Veolia ES Technical Solutions L.L.C.

WASTESTREAM INFORMATION PROFILE

	••								Disposal Code
<u> </u> _	Recertification							•	•
	Veol Invoice Address	ia ES Location		LLS FACILITY FFICE	· ·	MENOMONE CI	E FALLS TY	MI ST	552 476
						 -			
	a ES TSDF requested nerator Name <u>MILWA</u> L						rator State	e No	
	dress <u>4132 N HOLTO</u>						State Was	stestream No	· ·
	ty MILWAUKEE			State WI	<u>.</u>	ountry <u>US</u>		ZIP <u>53212</u>	
NA 	ICS(SIC) Code <u>3363</u>		5					System Type _	
2. Wa:	ste Name <u>LABPACK</u> CH	HEMICALS					Lab or	Waste Area	
	ocess Generating Wa								
UN	JSED/OFF-SPEC PRODU	ICTS							· · · · · · · · · · · · · · · · · · ·
4. Sh	ipping Name WASTE P	ACKED TAR CHEWICA	ILS				31	12 6541 11 716	
нал	zard Class <u>PLC</u> UNA	'NA NO. NUNE PG							: <u>N</u> DWW: <u>N</u> P: <u>N</u>
	s: 1 es: 1								
	ste Codes VARI								
Via:	stewater Nor	Wastewater X	Sub Categor	y					Mix: N Sol: N

-	ysical and chemical			51	-	_			
pН	- 2	Specific Grav	rity	Flash Point((F)				0.01
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	exact	e > 1.2 exac	it.	= ^ Z00 f	-	exact	· Fi	ree Liquid <u>0</u>	<u>~ U</u> 74 _ N %
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	solid	a air r	eactive	r ra	dioactive (or NKC re	gulated		
	semi-solid							b mild	
	liquid	c cyani	de reactive	t te	mp sensitiv	/ e		c strong	
Ď	pumpable semi-soli	a r suiri	de reactive	m po	Tymerizatio	on/monome	r	describe	
Ī	flowable powder	e explo	sive		HA carcinog				
	gas								la logens
	aerosol	p perox	ide former		halation ha	azarq			* Bromine
	pressurized liquid			Zone:					% Chlorine
	debris per 40 CFR .	200. 4 0							% Fluorine
	sharps							I <u>0</u> - <u>0</u>	% lodine
ч <u></u>	pumpable liquid 								
Layers	: a multi	layered:	b <u>X</u> bi	-layered:			c sir	gle phase	
	<u> </u>	Top Layer		Second Layer			Вс	ttom Layer	Color
Visco	sity	high(syrup)		high(syrup)	<u> </u>		high(syrup)	VAR
by	·] ī	medium(oil)	1	medium(oil)	1		medium(oil)	i —
Lay	er: X	low(water)		low(water)		į		low(water)	<u> </u>
		solid	1 _	X solid		i		solid	1

Veolia ES Technical Solutions L.L.C.

WASTESTREAM INFORMATION PROFILE

		ers Marine Pollutant, 0-Ozone stituent, 8-Benzene MESNAP, T-			
· <u>L</u>	LABPACK CHEMIC	ALS		0.00 100.00 1	
Other:					
Is the wastestream	being imported into the U	5A?	Yes No X	•	
Does the wastestre	am contain PCBs regulated	by 40CFR?	Yes No X Yes X No_		
PCB Concentration	100.00 ppm				
10. Is the wastestream	subject to the Marine Pol	lutant Regulations?	Yes No X		
ll. Is the wastestream	from an Industry regulated	d under Benzene NESHAP?	Yes No_X		
If yes:			WALLAND CONTROL OF		
is the wastestr	ean subject to Notification	n/Control Requirements?	YesNo_X		
Benzene Concent	ration		p	nixin	
Does it contain	>= 10% water?		Yes NoX		٠.
What is the TAF	at your facility?	No.	.00 M	σ/Yr	
	subject to RCRA subpart C	C controls?	Yes No X	\$5. U.	
	c Concentration		AC o	TYPE:	
A 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 2 1 2	CE Approved Analytical Meth	nod?	00 p Yes No X	Parasa.	
2 1 1 1 1 1 1 2 2					
			Yes Ma Y	A Property of the Control of the Con	
13. Is the wastestream	Generator Knowledge? from a CERCLA or state man		Yes No X Yes No X		
13. Is the wastestream 4. Container Informat Packaging:	Generator knowledge? from a CERCLA or state man from : OSIAL Type/Size: DH	ndated cleanup?	Yes No_X	100 to the second secon	· · · · · · · · · · · · · · · · · · ·
3. Is the wastestream 4. Container Informat Packaging:	Generator knowledge? from a CERCLA or state man from : 051Al Type/Size: DH 051HZ Type/Size: DF	ndated cleanup? 5 GAL CLOSED HEAD METAL DRUM 5 GAL OPEN HEAD PLASTIC DRUM	Yes No X		· ····································
3. Is the wastestream 4. Container Informat Packaging:	Generator knowledge? from a CERCLA or state man from : 051Al Type/Size: DH 051HZ Type/Size: DF	idated cleanup? 5 GAL CLOSED HEAD METAL DRUM 5 GAL OPEN HEAD PLASTIC DRUM Per Week _ Per Month _	Yes No X Yes No X		
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If approved for management, Veolia ES has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.

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Plea	ease print or type. (Form designed for use on elite (12-pitch) typewriter.)						Approved.	OMB No.	2050-003
_	UNIFORM HAZARDOUS 1. Generator ID Number	2. Page 1 of 3. Er	nergency Response	Phone	4. Manifest				
T	WASTE MANIFEST WID 0 0 6 1 0 2 3 0 5	2 (87	7) 818-0087		- 1 00	A15	504	5 V	ES
		,	,	/:c _::::::					<u> </u>
	5. Generator's Name and Mailing Address ARCADIS	Gene Nati	ator's Site Address		pan mailing addres	ss) " " ==	n @aggaman af #ag F	13:30	1
	126 NUET FERSON ST	41:	ian holtor	单					1
	MILWAUKEE, Wi 59202				1	- 050	0121	200 ·	1 .
	55 6 0.777 S073 5	操机	WALKEE, Y	A 53212	•	ريا ہے دا	U ' Z(JUO .	i
	Generator's Phone: 41.4 277-6231								1
	6. Transporter 1 Company Name				U.S. EPAID I	lumber 🕌	: ريا الأمالة	S	i i
ı	VEOLIA ES TECHNICAL SOLUTIONS				INJT	3-3-	6-6-3	1_1_	<u>f</u> 9
Т			····		U.S. EPA ID N	lumbar			
Т	7. Transporter 2 Company Name	1 -	JYL					ار وسسديا	
Т	Veolia E.S. Industrial	Servin			ITXRO	20 <i>0</i> 2) 777	T^{-}/C	,
	8. Designated Facility Name and Site Address VECLIA ES TECHNICAL SOL	a manifestation for the St			U.S. EPA ID N				
Т	VEOLIA ES TECHNICAL SIA	JUNUAS							
	HIGHWAT 73								
	3.5 MILES W. CF TAYLOR'S	MATCA							
	409 736-2621 FCXT ARTHUR TX 77640				7 X C	0 0	0 8 3	8, 8	0 G
	Facility's Phone:		10.00			<u> </u>			
Т	ga. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number	ber,	10. Contain	ners	11. Total	12. Unit	13.	Waste Code	es
Т	HM and Packing Group (if any))		No.	Type	Quantity	Wt./Vol.			
1	X TUNZIRA, WASTE FLAMMABLE LICUIDS, CORROSIVI	E					CXXX1		
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¥	HAVERCAIDER I (B), IL BO (POLYCHLORIMATED	•	003	OF	00084	*<	COGS	CATS	MIH
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	(PETROLEUM DISTILLATES, SULFIDES), 3 (6.1), 11.				1				
	RO ITOLYCHLORINATED BIFHENYLS)		0 0 2	0 F	00037	K	0.001	CUTS	同村
1									<u> </u>
]	X 4.041325, WASTE FLAMMABLE SOLIDS, ORGANIC, I	las,				i l	D001		l
	** 4.1, II, RG (POLYCHLORINATED BIFHENYLS)		1	l				and a service of	
			001	DF	00026	統		OUTS	Q1H
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	14. Special Handling Instructions and Additional Information 1) ERG: 132 W 62	174 A.PTAB217	3) ERG 13	1 W.021	74 ATT AND	1/4 4)	ERG:13	i VV:	
	62174 A:PTAG2174 - ADDENDUM ATTACHED FOR ADDIT	iknaliska in	个《声句解释》	i-EM De	evre Cimie	KARO DY	15 53 Y	-1-19G	
	WI FIELD SERVICES dos DATE H/4/web			1 1 0			* *		*
	' '				4				
П	15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of	f this consignment are full	v and accurately de	scribed abov	e by the proper sh	ipping name	and are clas	ssified, pack	aged.
	marked and labeled/placarded, and are in all respects in proper condition for transport	according to applicable in	nternational and nati	onal governn	nental regulations.	If export sh	pment and I	am the Prim	nary
П	Exporter, I certify that the contents of this consignment conform to the terms of the atta	ached EPA Acknowledgm	ent of Consent.						
	I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a	large quantity generator)	or (b) (if I am a sma	all quantity ge	enerator) is true.				
	Generator's/Offeror's Printed/Typed Name	Signature	2		10		Mor	nth Day	Year
	Thereka Stymon	1. 2	reco	اس سا	Lews	نسندج مواجع	+II	14	08
₹.		And the second s					1/3	!'	
INT	Import to U.S.	Export from U.S.	Port of en						
롣	Transporter signature (for exports only):	2	Date leavi	ng U.S.:					····
2	17. Transporter Acknowledgment of Receipt of Materials								
₩	Transporter 1 Printed(Typed Name	Signature		War with			Mor	th Day	Year
TRANSPORTER	Dance I Szymeszek	142.	1 1/	2	•		· 1/2	1 14	108
S	Man (C)	Cianot wet	the first constitution of the constitution of				Mor	nth Day	Year
₹	Transporter 2 Printed/Typed Name	Signature					1 6 8	13. "Say	
≅	EVICAPAN DWLL		3.					1 (100
•	18. Discrepancy								•
П							. [7	
	18a. Discrepancy Indication Space Quantity Type		Residue		Partial Rej	ection	l	Full Rej	ection
١			Manifest Reference	Number:					
ےا	18b. Alternate Facility (or Generator)				U.S. EPAID N	lumber			
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S	{		-		í				
凒	Facility's Phone:						Mo	nth Day	у Үеаг
띧	18c. Signature of Alternate Facility (or Generator)				_		I WILL	uu Daj	, ieal
ַ	<u>{</u>				-				
₫	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste	treatment, disposal, and	ecycling systems)					-	
DESIGNATED FACILITY	1 19 19 19 19 19 19 19 19 19 19 19 19 19	I3		, m	4.	, 1	- 1×		
ď	TO A MORE TO A MORE MORE					141	4.		
1			[North		1 1 1	3 44		
$\ \ $	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials co			n 18a				a	
	Printed/Typed Name	Signature			! .		Mo		Year
			1-1-0	4116	¥ .		11.1	. Vi	III



Veolia ES Technical Solutions, L.L.C. Federal EPA ID: TXD000838896 State EPA ID: 50212-001 Highway 73, 3.5 miles W. of Taylor's Bayou Bridge Port Arthur, TX 77643 (409) 736-2821

MILWAUKEE DIE CASTING 4132 N.HOLTON MILWAUKEE, WI 53212

ATTN: BEN VERBURG (ARCADIS)

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from MILWAUKEE DIE CASTING (Fed EPA ID - WID006102305) on 11/24/2008 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 000155045VES Veolia ES Technical Solutions, L.L.C. hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Sequence 1

Profile Number: PTA62174

Veolia Tracking ID: 618176-01

Process	Veolia Unit ID	Treatment Date	Generator #	Inter-Company #	Was Issued
INCINERATION	2	12/3/2008	WY1014314001001010	WY1014314001001020	12/5/2008
INCINERATION	1	12/3/2008	WY1014314001001020	WY1014314001001010	12/5/2008
INCINERATION	3	12/3/2008	WY1014314001001030	WY1014314001001030	12/5/2008

Sequence 3

Profile Number: PTA62174 Veolia Tracking ID: 618176-03

<u>Process</u>	Veolia Unit ID	Treatment Date	Generator #	Inter-Company #	<u>Date CD</u> Was Issued
INCINERATION INCINERATION	1	12/3/2008	WY1014314001004010	WY1014314001004010	12/5/2008
	2	12/3/2008	WY1014314001004020	WY1014314001004020	12/5/2008

Sequence 4

Profile Number:

PTA62174

Veolía Tracking ID:

618176-04

, , , , , , , , , , , , , , , , , , , ,	3				Date CD
<u>Process</u>	Veolia Unit ID	Treatment Date	Generator #	Inter-Company #	Was Issued
INCINERATION	1	12/3/2008	WY1014314001003010	WY1014314001003010	12/5/2008

Sequence 6

Profile Number:

PTA062177

Veolia Tracking ID:

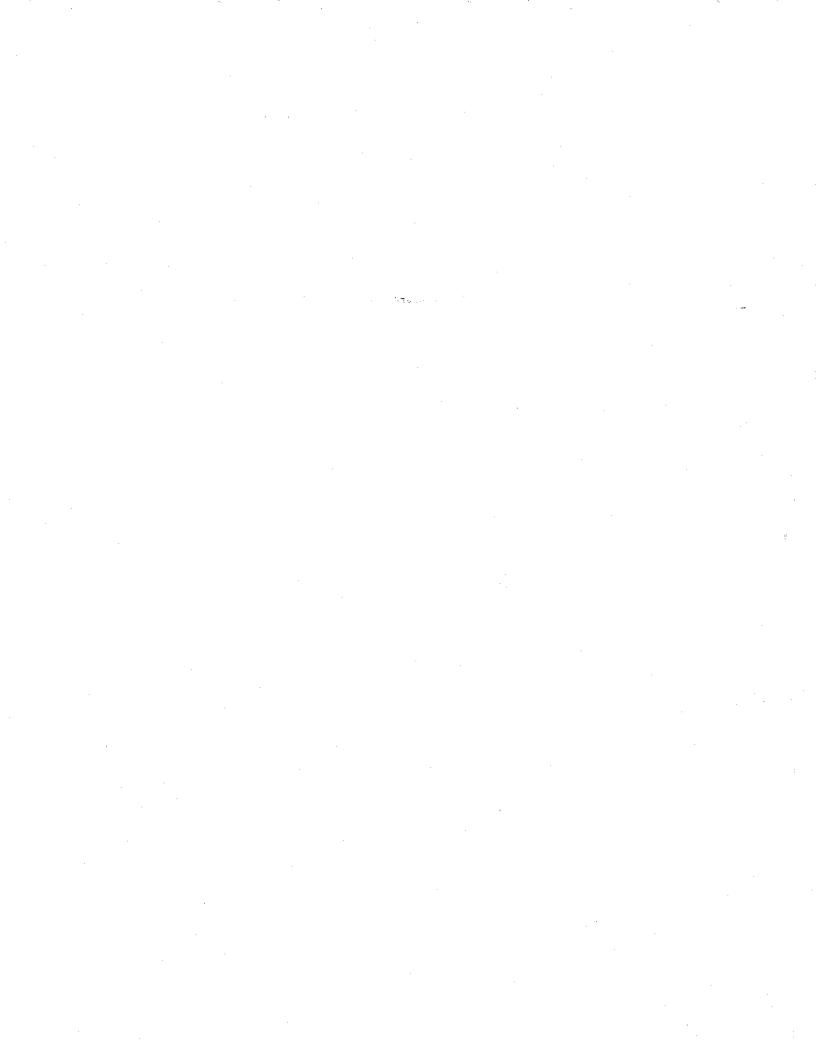
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<u>Process</u>	Veolia Unit ID	Treatment Date	Generator #	Inter-Company#	Was Issued
INCINERATION	4	12/18/2008	WY1014314001005010	WY1014314001005040	12/23/2008
INCINERATION	1	12/18/2008	WY1014314001005020	WY1014314001005010	12/23/2008
INCINERATION	2	12/18/2008	WY1014314001005030	WY1014314001005020	12/23/2008
INCINERATION	3	12/18/2008	WY1014314001005040	WY1014314001005030	12/23/2008

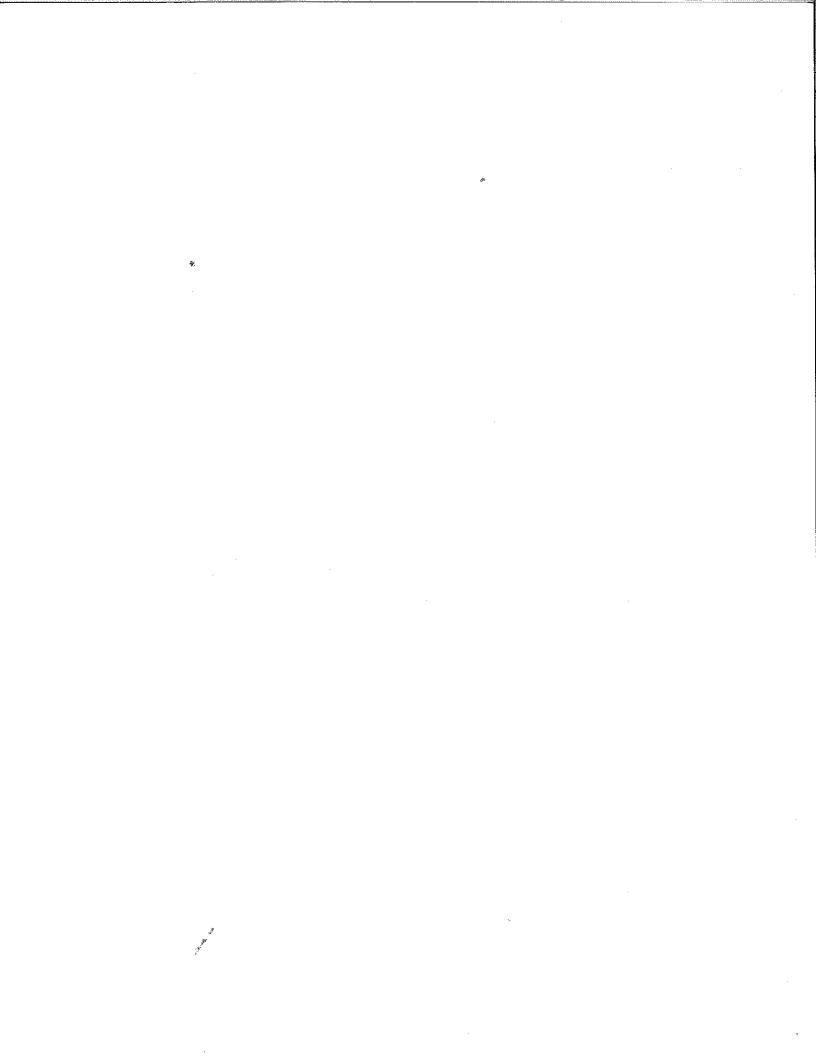
Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Paul V. Conrad

Material Services Manager







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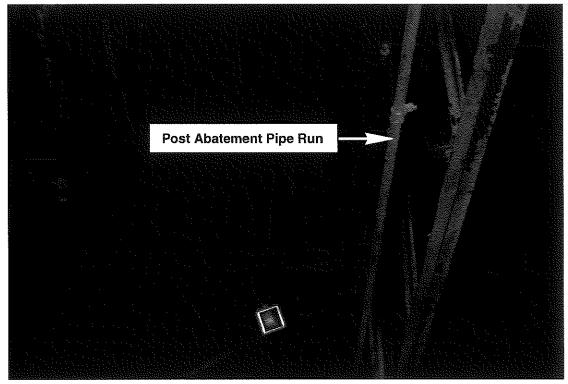
Appendix C

Photographs

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PHOTOGRAPH 1: View of asbestos thermal system insulation on a pipe run in the die cast area.



PHOTOGRAPH 2: View of pipe run in the die cast area following removal of asbestos thermal system insulation.



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PHOTOGRAPH 3: Boiler room wall opening sealed with asbestos hazard sign posting.



PHOTOGRAPH 4: View of north sump prior to decommissioning and sealing activities.



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PHOTOGRAPH 5: Veolia pressure washing north sump.



PHOTOGRAPH 6: View of north sump following decommissioning and sealing activities.



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PHOTOGRAPH 7: Veolia triple rinsing vacuum tanker truck.



PHOTOGRAPH 8: View of drums and boxes stored in the southeastern corner of die cast area.





PHOTOGRAPH 9: View of concrete floors in the die cast area prior to cleaning.



PHOTOGRAPH 10: Veolia cleaning the die cast area concrete floors, note the resulting clean floor in the background.



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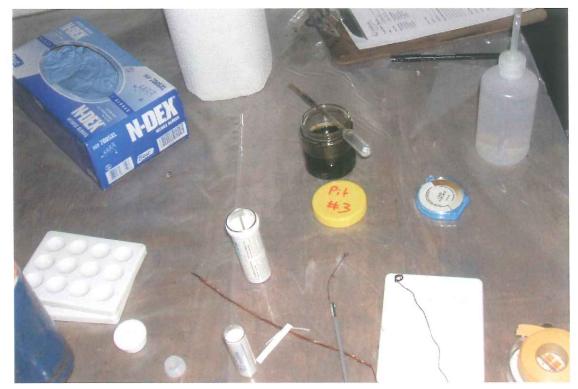
PHOTOGRAPH 11: View of floor sweepings generated from cleaning of the concrete floors in the die cast area.



PHOTOGRAPH 12: Veolia mapping the main tunnels and the main tunnel floor drain.



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PHOTOGRAPH 13: View of field waste characterization station.



PHOTOGRAPH 14: View of the transfer of liquid waste streams from drums to storage totes.



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PHOTOGRAPH 15: View of the removal of sludge from the northwestern sump.



PHOTOGRAPH 16: View of the northwestern sump following the removal of sludge.



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PHOTOGRAPH 17: Typical view of an access tunnel prior to cleaning activities.



PHOTOGRAPH 18: Typical view of an access tunnel following cleaning activities.



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PHOTOGRAPH 19: View of PCB vacuum tanker truck used to transport PCB oily water for offsite disposal at Veolia's Port Arthur Facility in Texas.



PHOTOGRAPH 20: View of PCB impacted debris in a lined roll-off box.



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PHOTOGRAPH 21: View of lined roll-off boxes with PCB impacted debris loaded for transportation and offsite disposal at EQ Landfill in Bellevue, Michigan.



PHOTOGRAPH 22: View of 13-gallon overpack drums used to transport various 5-gallon containers for offsite disposal at Veolia's Port Arthur facility in Texas.



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PHOTOGRAPH 23: Veolia boarding up windows along the western face of the building.



PHOTOGRAPH 24: View of eastern window covered with plywood boards.



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